

Disclaimer

The following report(s) provides findings from an FDA-initiated query using Sentinel. While Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Sentinel, and seeking to better understand Sentinel capabilities.

Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

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Overview for Request cder_mpl1p_wp089 (Report 1 of 3)

Request ID: cder_mpl1p_wp089

Request Description: Lyme disease can be prevented by taking one dose of doxycycline (200 mg or 4.4 mg/kg for persons <45 kg) when administered within 72 hours after a high-risk tick bite. To shed light on patterns of Lyme disease post-exposure prophylaxis (PEP) in the United States, we characterized the frequency and patterns of single dose doxycycline over time, and described characteristics of individuals with these dispensings in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 13.1.2, with custom programming.

Data Source: We distributed this request to five Sentinel Data Partners on December 2, 2024. These five Data Partners are a subset of the SDD. In this report (1 of 3), patients with Medicaid coverage were included. Report 2 of 3 contains patients with claims coverage. Report 3 of 3 contains patients with Medicaid coverage and claims coverage. The study period included data from January 1, 2016 through December 31, 2020. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified individuals of all ages with an incident dispensing of single-dose doxycycline. We described single-dose doxycycline dispensing trends over time, as well as patient and dispensing characteristics (e.g., year of dispensing, sex, age, race, ethnicity, type of recent medical encounter). Due to the highly focal geographic distribution of Lyme disease, we examined single-dose doxycycline dispensings by state, urbanicity, and month. We also described the number and proportion of individuals dispensed multiple courses of single-dose doxycycline, and performed a sensitivity analysis removing dispensings with evidence of obstetric or dermatologic conditions in the surrounding 30 days as single dose doxycycline can also be prescribed to treat certain obstetric and dermatologic conditions. This is a Type 1 analysis in the Query Request Package (QRP) documentation, modified with custom programming.

Exposure of Interest: Lyme disease PEP was our exposure of interest, and thus we examined qualifying dispensings of doxycycline (index) (≤ 200 mg, one-day supply). To ensure the dispensing was isolated (i.e., only a single day supply), we defined incidence with a one day washout prior to and following the dispensing of interest, with consideration of any doxycycline dispensing. Specifically, we removed doxycycline dispensings with evidence of another dispensing (dispensing itself, or day supply of multi-day dispensing) in the day prior, and did not include doxycycline dispensings with evidence of another doxycycline dispensing the next day. Please see Appendix B for a list of generic and brand names of medical products.

Cohort Eligibility Criteria: We required cohort members to be enrolled in health plans with medical and drug coverage in the 30 days prior to and following their index dispensing; a gap in coverage of up to 45 days was allowed and treated as continuous enrollment. There were two separate age groupings included in analyses: Age group 1 in years: 0-4, 4-9, 10-14, 15-19; Age group 2 in years: 0-7, 8-19.

Baseline Characteristics: We assessed the baseline characteristics in two windows surrounding the index dispensing: 7 and 30 days prior to and following the index dispensing. The exposure related baseline characteristics of interest were: arthropod encounter, Lyme disease, other tickborne diseases, obstetric conditions, and dermatologic conditions. Additionally, we assessed the following Pediatric Comorbidity Index (PCI)¹ conditions: attention deficit hyperactivity disorder, alcohol abuse or dependence, anemia, anxiety or panic disorder, any malignancy, asthma, cardiovascular conditions, chromosomal anomalies, conduct disorder, congenital malformations, depression, developmental delays, diabetes mellitus, drug abuse or dependence, eating disorders, epilepsy or convulsions, gastrointestinal conditions, injuries, joint disorders, menstrual disorders, migraine or headache, nausea and vomiting, obesity or overweight, obsessive-compulsive disorder, pain conditions, pervasive developmental disorders, psychotic disorders, rheumatologic disorders, sleep disorders, smoking, specific personality disorder, weight loss. Please see Appendix C for a list of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes, International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) procedure codes, Current Procedural Terminology, Fourth Edition (CPT-4) procedure codes, and Healthcare Common Procedure Coding System (HCPCS) procedure codes we used to define baseline characteristics in this request.

Overview for Request cder_mpl1p_wp089 (Report 1 of 3)

We evaluated the following characteristics on the index dispensing date: age, year, dispensing form, and dispensing dose. Dose was calculated as the strength of the National Drug Code (NDC) multiplied by the amount supplied for all routes except syrups and solutions, for which the strength multiplied by the liquid volume unit. For each member with a dispensing of interest, we evaluated: sex, race, ethnicity, and zip code. Zip code was used to assign state, Lyme disease incidence category, and urbanicity. To classify persons as living in an urban area (population $\geq 50,000$), suburban area (population $\geq 2,500$, $< 50,000$), or rural area (population $< 2,500$), we used U.S. Census Bureau 2010 Census Urban Area data supplemented by Uniform Data System (UDS) Mapper for zip code to zip code tabulation area (ZCTA) crosswalks. In cases of a zip code mapping to multiple urban categories, we assigned the category based on the following guidelines:

- Suburban + Rural -> Suburban
- Suburban + Urban -> Suburban
- Rural + Urban + Suburban -> Suburban
- Rural + Urban -> Urban

In the Sentinel Common Data Model, there is one zip code assigned per member, and zip codes are updated and overwritten as the member's location changes over time. The location reflected in this report is the member's most recent zip code.

Sensitivity Analyses: We performed sensitivity analyses examining the first qualifying index dispensing of doxycycline per patient, and then all qualifying dispensings per patient. In the analysis examining all qualifying dispensings per patient we allowed cohort re-entry. Additionally, we conducted a second sensitivity analysis which excluded patients with any evidence of obstetric and dermatologic conditions in the 30 days prior to and post index dispensing. Cohort re-entry was allowed for sensitivity analyses. Only counts of patients with single-dose doxycycline dispensings were included in the sensitivity analyses. Please see Appendix D for a list of ICD-10-CM, ICD-10-PCS, CPT-4, and HCPCS codes used to define this exclusion criteria in this request.

Please see Appendices E-I for the specifications of parameters used in this request and the study design diagrams.

Limitations: The algorithms used to define the events are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation in mind. Although we stratified some estimates by race/ethnicity, please keep in mind that this information is not well captured in many systems. In addition, our program assigned state of residence and urbanicity using enrollee's most recent zip code, which may not reflect residence or place of exposure at the time of the single dose doxycycline dispensing.

Notes: Please contact the Sentinel Operations Center (info@sentinelssystem.org) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (<https://dev.sentinelssystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

¹ Sun, J. W., Bourgeois, F. T., Haneuse, S., Hernández-Díaz, S., Landon, J. E., Bateman, B. T., Huybrechts, K. F. Development and validation of a pediatric comorbidity index. *American Journal of Epidemiology*. 2020;190(5):918-927.

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**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

Blackout Period - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded.

Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

Charlson/Elixhauser Combined Comorbidity Score - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

Code Days - the minimum number of times the diagnosis must be found during the evaluation period in order to fulfill the algorithm to identify the corresponding patient characteristic.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

Computed Start Marketing Date - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.

Eligible Members - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

Enrollment Gap - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

Episodes - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

Episode Gap - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

Event Deduplication - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

Exposure Episode Length - number of days after exposure initiation that is considered "exposed time."

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

Lookback Period - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Maximum Episode Duration - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Member-Years - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

Minimum Days Supplied - specifies a minimum number of days in length of the days supplied for the episode to be considered.

Minimum Episode Duration - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Monitoring Period - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

Principal Diagnosis (PDX) - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the CareSetting/PDX parameter.

Query Period - period in which the modular program looks for exposures and outcomes of interest.

Switch Evaluation Step Value - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

Switch Gap Inclusion Indicator - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

Switch Pattern Cohort Inclusion Date - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

Switch Pattern Cohort Inclusion Strategy - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first switch.

Treatment Episode Truncation Indicator - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

Washout Period (drug/exposure) - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

Washout Period (event/outcome) - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

*all terms may not be used in this report

Table 1a. Aggregated Baseline Table for Single-Dose Doxycycline (First Dispensing) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics	Number	Percent
Number of unique patients	12,629	N/A
Number of unique patients with more than one valid dispensing	0	0.0%
Capsule	8,022	63.5%
Suspension	50	0.4%
Tablet	3,663	29.0%
Syrup	895	7.1%
Dose: <100 mg per day	685	5.4%
Dose: =100 mg per day	2,474	19.6%
Dose: >100 - <200 mg per day	861	6.8%
Dose: =200 mg per day	8,609	68.2%
Demographic Characteristics	Mean	Deviation ¹
Age (years)	12.8	4.5
Age	Number	Percent
0-4 years	694	5.5%
5-9 years	3,024	23.9%
10-14 years	4,202	33.3%
15-19 years	4,709	37.3%
Age Alternate Stratifications		
0-7 years	1,803	14.3%
8-19 years	10,826	85.7%
Sex		
Female	6,152	48.7%
Male	6,477	51.3%
Race ²		
American Indian or Alaska Native	*****	*****
Asian	113	0.9%
Black or African American	*****	*****
Multi-racial	60	0.5%
Native Hawaiian or Other Pacific Islander	21	0.2%
Unknown	2,524	20.0%
White	9,000	71.3%
Hispanic origin		
Yes	948	7.5%
No	10,150	80.4%
Unknown	1,531	12.1%
Race/Hispanic Ethnicity		
Non-Hispanic American Indian or Alaska Native	*****	*****

Table 1a. Aggregated Baseline Table for Single-Dose Doxycycline (First Dispensing) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics	Number	Percent
Non-Hispanic Asian	113	0.9%
Non-Hispanic Black or African American	*****	*****
Non-Hispanic Multi-racial	60	0.5%
Non-Hispanic Native Hawaiian or Other Pacific Islander	21	0.2%
Non-Hispanic White	9,000	71.3%
Non-Hispanic Unknown	*****	*****
Year		
2016	2,024	16.0%
2017	2,782	22.0%
2018	1,997	15.8%
2019	2,831	22.4%
2020	2,995	23.7%
Urbanicity		
Rural (population <2,500)	1,521	12.0%
Suburban (population >= 2,500)	5,057	40.0%
Urban (population >= 50,000)	6,051	47.9%
Recorded History of:	Mean	Deviation ¹
Pediatric comorbidity index ³	1.2	2.0
7 Days Before and After, Including the Dispensing Date	Number	Percent
Arthropod encounter	6,214	49.2%
Macroscopic examination for arthropod	79	0.6%
Any tickborne disease (Lyme and other)	336	2.7%
Lyme disease - all codes	327	2.6%
Arthritis due to Lyme disease	*****	*****
Lyme disease	0	0.0%
Lyme disease unspecified	143	1.1%
Meningitis due to Lyme disease	0	0.0%
Other conditions associated with Lyme disease	13	0.1%
Other neurologic disorders with Lyme disease	0	0.0%
Antibody Borrelia burgdoferi Lyme disease confirmatory test	47	0.4%
Antibody Borrelia burgdoferi Lyme disease	160	1.3%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi direct probe technique	0	0.0%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi amplified probe technique	16	0.1%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi quantification	0	0.0%
Other tickborne diseases	*****	*****
Babesiosis	0	0.0%
Ehrlichiosis	0	0.0%

Table 1a. Aggregated Baseline Table for Single-Dose Doxycycline (First Dispensing) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics	Number	Percent
Ehrlichiosis unspecified	*****	*****
Ehrlichiosis chafeensis	*****	*****
Other ehrlichiosis	0	0.0%
Spotted fever due to Rickettsia rickettsii	*****	*****
Tick-borne relapsing fever	*****	*****
Far Eastern tick-borne encephalitis	0	0.0%
Central European tick-borne encephalitis	0	0.0%
Other tick-borne viral encephalitis	0	0.0%
Tick-borne viral encephalitis unspecified	*****	*****
Tick-borne relapsing fever orrelia group antibody detection immunoblot IgM	0	0.0%
Tick-borne relapsing fever orrelia group antibody detection immunoblot IgG	0	0.0%
Any obstetric condition	847	6.7%
Any dermatologic condition	126	1.0%
Attention Deficit Hyperactivity Disorder	548	4.3%
Alcohol Abuse or Dependence	*****	*****
Anemia	*****	*****
Anxiety or Panic Disorder	386	3.1%
Any Malignancy	*****	*****
Asthma	158	1.3%
Cardiovascular Conditions	46	0.4%
Chromosomal Anomalies	*****	*****
Conduct Disorder	144	1.1%
Congenital Malformations	84	0.7%
Depression	324	2.6%
Developmental Delays	368	2.9%
Diabetes Mellitus	30	0.2%
Drug Abuse or Dependence	57	0.5%
Eating Disorders	*****	*****
Epilepsy or Convulsions	*****	*****
Gastrointestinal Conditions	83	0.7%
Injuries	6,023	47.7%
Joint Disorders	15	0.1%
Menstrual Disorders	84	0.7%
Migraine or Headache	40	0.3%
Nausea and Vomiting	115	0.9%
Obesity or Overweight	100	0.8%
Obsessive-Compulsive Disorder	13	0.1%
Pain Conditions	490	3.9%
Pervasive Developmental Disorders	204	1.6%

Table 1a. Aggregated Baseline Table for Single-Dose Doxycycline (First Dispensing) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics	Number	Percent
Psychotic Disorders	72	0.6%
Rheumatologic Disorders	*****	*****
Sleep Disorders	31	0.2%
Smoking	41	0.3%
Specific Personality Disorder	*****	*****
Weight Loss	*****	*****
Inpatient encounter	76	0.6%
Emergency department encounter	1,031	8.2%
Ambulatory encounter	9,415	74.6%
Other ambulatory encounter	2,732	21.6%
Institutional stay encounter	*****	*****
No encounter	3,137	24.8%
30 Days Before and After, Including the Dispensing Date	Number	Percent
Arthropod encounter	6,376	50.5%
Macroscopic examination for arthropod	83	0.7%
Any tickborne disease (Lyme and other)	499	4.0%
Lyme disease - all codes	489	3.9%
Arthritis due to Lyme disease	*****	*****
Lyme disease	0	0.0%
Lyme disease unspecified	184	1.5%
Meningitis due to Lyme disease	0	0.0%
Other conditions associated with Lyme disease	15	0.1%
Other neurologic disorders with Lyme disease	0	0.0%
Antibody Borrelia burgdoferi Lyme disease confirmatory test	81	0.6%
Antibody Borrelia burgdoferi Lyme disease	274	2.2%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi direct probe technique	0	0.0%
probe technique	18	0.1%
quantification	0	0.0%
Other tickborne diseases	*****	*****
Babesiosis	0	0.0%
Ehrlichiosis	0	0.0%
Ehrlichiosis unspecified	*****	*****
Ehrlichiosis chafeensis	*****	*****
Other ehrlichiosis	0	0.0%
Spotted fever due to Rickettsia rickettsii	*****	*****

Table 1a. Aggregated Baseline Table for Single-Dose Doxycycline (First Dispensing) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics	Number	Percent
Tick-borne relapsing fever	*****	*****
Far Eastern tick-borne encephalitis	0	0.0%
Central European tick-borne encephalitis	0	0.0%
Other tick-borne viral encephalitis	0	0.0%
Tick-borne viral encephalitis unspecified	*****	*****
Tick-borne relapsing fever orrelia group antibody detection immunoblot IgM	0	0.0%
Tick-borne relapsing fever orrelia group antibody detection immunoblot IgG	0	0.0%
Any obstetric condition thirty	958	7.6%
Any dermatologic condition thirty	221	1.7%
Attention Deficit Hyperactivity Disorder	1,016	8.0%
Alcohol Abuse or Dependence	19	0.2%
Anemia	38	0.3%
Anxiety or Panic Disorder	707	5.6%
Any Malignancy	*****	*****
Asthma	371	2.9%
Cardiovascular Conditions	105	0.8%
Chromosomal Anomalies	*****	*****
Conduct Disorder	242	1.9%
Congenital Malformations	174	1.4%
Depression	583	4.6%
Developmental Delays	570	4.5%
Diabetes Mellitus	72	0.6%
Drug Abuse or Dependence	101	0.8%
Eating Disorders	14	0.1%
Epilepsy or Convulsions	91	0.7%
Gastrointestinal Conditions	208	1.6%
Injuries	6,431	50.9%
Joint Disorders	50	0.4%
Menstrual Disorders	227	1.8%
Migraine or Headache	123	1.0%
Nausea and Vomiting	256	2.0%
Obesity or Overweight	240	1.9%
Obsessive-Compulsive Disorder	27	0.2%
Pain Conditions	1,127	8.9%
Pervasive Developmental Disorders	310	2.5%
Psychotic Disorders	145	1.1%
Rheumatologic Disorders	21	0.2%
Sleep Disorders	90	0.7%
Smoking	85	0.7%

Table 1a. Aggregated Baseline Table for Single-Dose Doxycycline (First Dispensing) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics	Number	Percent
Specific Personality Disorder	*****	*****
Weight Loss	20	0.2%
Inpatient encounter	146	1.2%
Emergency department encounter	1,690	13.4%
Ambulatory encounter	10,819	85.7%
Other ambulatory encounter	4,235	33.5%
Institutional stay encounter	*****	*****
No encounter	*****	*****

¹Value represents standard deviation where no % follows the value.

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

³Sun, J. W., Bourgeois, F. T., Haneuse, S., Hernández-Díaz, S., Landon, J. E., Bateman, B. T., Huybrechts, K. F. Development and validation of a pediatric comorbidity index. *American Journal of Epidemiology*. 2020;190(5):918-927.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

N/A: Not Applicable

Table 1b. Aggregated Baseline Table for Single-Dose Doxycycline (All Dispensings) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics¹	Number	Percent
Number of unique patients	12,629	N/A
Number of dispensings	13,006	100.0%
Number of unique patients with more than one valid dispensing	336	2.7%
Capsule	8,274	63.6%
Suspension	50	0.4%
Tablet	3,766	29.0%
Syrup	917	7.1%
Dose: <100 mg per day	696	5.5%
Dose: =100 mg per day	2,542	20.1%
Dose: >100 - <200 mg per day	881	7.0%
Dose: =200 mg per day	8,887	70.4%
Demographic Characteristics	Mean	Standard Deviation²
Age (years)	12.9	4.5
Age	Number	Percent
0-4 years	705	5.4%
5-9 years	3,102	23.9%
10-14 years	4,340	33.4%
15-19 years	4,859	37.4%
Age Alternate Stratifications		
0-7 years	1,839	14.1%
8-19 years	11,167	85.9%
Sex		
Female	6,152	48.7%
Male	6,477	51.3%
Race ³		
American Indian or Alaska Native	*****	*****
Asian	113	0.9%
Black or African American	*****	*****
Multi-racial	60	0.5%
Native Hawaiian or Other Pacific Islander	21	0.2%
Unknown	2,524	20.0%
White	9,000	71.3%
Hispanic origin		
Yes	948	7.5%
No	10,150	80.4%
Unknown	1,531	12.1%
Race/Hispanic Ethnicity		
Non-Hispanic American Indian or Alaska Native	*****	*****

Table 1b. Aggregated Baseline Table for Single-Dose Doxycycline (All Dispensings) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics ¹	Number	Percent
Non-Hispanic Asian	113	0.9%
Non-Hispanic Black or African American	*****	*****
Non-Hispanic Multi-racial	60	0.5%
Non-Hispanic Native Hawaiian or Other Pacific Islander	21	0.2%
Non-Hispanic White	9,000	71.3%
Non-Hispanic Unknown	*****	*****
Year		
2016	2,061	15.8%
2017	2,857	22.0%
2018	2,062	15.9%
2019	2,917	22.4%
2020	3,109	23.9%
Urbanicity		
Rural (population <2,500)	1,521	12.0%
Suburban (population >= 2,500)	5,057	40.0%
Urban (population >= 50,000)	6,051	47.9%
Recorded History of:	Mean	Standard Deviation
Pediatric comorbidity index ⁴	1.2	2.1
7 Days Before and After, Including the Dispensing Date	Number	Percent
Arthropod encounter	6,323	48.6%
Macroscopic examination for arthropod	80	0.6%
Any tickborne disease (Lyme and other)	340	2.6%
Lyme disease - all codes	331	2.5%
Arthritis due to Lyme disease	*****	*****
Lyme disease	0	0.0%
Lyme disease unspecified	144	1.1%
Meningitis due to Lyme disease	0	0.0%
Other conditions associated with Lyme disease	14	0.1%
Other neurologic disorders with Lyme disease	0	0.0%
Antibody Borrelia burgdoferi Lyme disease confirmatory test	48	0.4%
Antibody Borrelia burgdoferi Lyme disease	161	1.2%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi direct probe technique	0	0.0%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi amplified probe technique	16	0.1%

Table 1b. Aggregated Baseline Table for Single-Dose Doxycycline (All Dispensings) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics ¹	Number	Percent
Infectious agent detection by nucleic acid DNA or RNA <i>Borrelia burgdoferi</i> quantification	0	0.0%
Other tickborne diseases	*****	*****
Babesiosis	0	0.0%
Ehrlichiosis	0	0.0%
Ehrlichiosis unspecified	*****	*****
Ehrlichiosis <i>chafeensis</i>	*****	*****
Other ehrlichiosis	0	0.0%
Spotted fever due to <i>Rickettsia rickettsii</i>	*****	*****
Tick-borne relapsing fever	*****	*****
Far Eastern tick-borne encephalitis	0	0.0%
Central European tick-borne encephalitis	0	0.0%
Other tick-borne viral encephalitis	0	0.0%
Tick-borne viral encephalitis unspecified	*****	*****
Tick-borne relapsing fever <i>orrelia</i> group antibody detection immunoblot IgM	0	0.0%
Tick-borne relapsing fever <i>orrelia</i> group antibody detection immunoblot IgG	0	0.0%
Any obstetric condition	890	6.8%
Any dermatologic condition	133	1.0%
Attention Deficit Hyperactivity Disorder	565	4.3%
Alcohol Abuse or Dependence	*****	*****
Anemia	*****	*****
Anxiety or Panic Disorder	395	3.0%
Any Malignancy	*****	*****
Asthma	159	1.2%
Cardiovascular Conditions	46	0.4%
Chromosomal Anomalies	*****	*****
Conduct Disorder	148	1.1%
Congenital Malformations	85	0.7%
Depression	338	2.6%
Developmental Delays	383	2.9%
Diabetes Mellitus	30	0.2%
Drug Abuse or Dependence	60	0.5%
Eating Disorders	*****	*****
Epilepsy or Convulsions	*****	*****
Gastrointestinal Conditions	94	0.7%

Table 1b. Aggregated Baseline Table for Single-Dose Doxycycline (All Dispensings) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics ¹	Number	Percent
Injuries	6,129	47.1%
Joint Disorders	17	0.1%
Menstrual Disorders	87	0.7%
Migraine or Headache	40	0.3%
Nausea and Vomiting	117	0.9%
Obesity or Overweight	102	0.8%
Obsessive-Compulsive Disorder	14	0.1%
Pain Conditions	504	3.9%
Pervasive Developmental Disorders	214	1.6%
Psychotic Disorders	77	0.6%
Rheumatologic Disorders	*****	*****
Sleep Disorders	33	0.3%
Smoking	42	0.3%
Specific Personality Disorder	*****	*****
Weight Loss	*****	*****
Inpatient encounter	78	0.6%
Emergency department encounter	1,045	8.0%
Ambulatory encounter	9,643	74.1%
Other ambulatory encounter	2,827	21.7%
Institutional stay encounter	*****	*****
No encounter	3,286	25.3%
30 Days Before and After, Including the Dispensing Date	Number	Percent
Arthropod encounter	6,491	49.9%
Macroscopic examination for arthropod	84	0.6%
Any tickborne disease (Lyme and other)	508	3.9%
Lyme disease - all codes	498	3.8%
Arthritis due to Lyme disease	*****	*****
Lyme disease	0	0.0%
Lyme disease unspecified	185	1.4%
Meningitis due to Lyme disease	0	0.0%
Other conditions associated with Lyme disease	17	0.1%
Other neurologic disorders with Lyme disease	0	0.0%
Antibody Borrelia burgdoferi Lyme disease confirmatory test	85	0.7%
Antibody Borrelia burgdoferi Lyme disease	278	2.1%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi direct probe technique	0	0.0%
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi amplified probe technique	18	0.1%

Table 1b. Aggregated Baseline Table for Single-Dose Doxycycline (All Dispensings) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics ¹	Number	Percent
Infectious agent detection by nucleic acid DNA or RNA Borrelia burgdoferi quantification	0	0.0%
Other tickborne diseases	14	0.1%
Babesiosis	0	0.0%
Ehrlichiosis	0	0.0%
Ehrlichiosis unspecified	*****	*****
Ehrlichiosis chafeensis	*****	*****
Other ehrlichiosis	0	0.0%
Spotted fever due to Rickettsia rickettsii	*****	*****
Tick-borne relapsing fever	*****	*****
Far Eastern tick-borne encephalitis	0	0.0%
Central European tick-borne encephalitis	0	0.0%
Other tick-borne viral encephalitis	0	0.0%
Tick-borne viral encephalitis unspecified	*****	*****
Tick-borne relapsing fever orrelia group antibody detection immunoblot IgM	0	0.0%
Tick-borne relapsing fever orrelia group antibody detection immunoblot IgG	0	0.0%
Any obstetric condition thirty	1,007	7.7%
Any dermatologic condition thirty	230	1.8%
Attention Deficit Hyperactivity Disorder	1,046	8.0%
Alcohol Abuse or Dependence	20	0.2%
Anemia	40	0.3%
Anxiety or Panic Disorder	729	5.6%
Any Malignancy	26	0.2%
Asthma	378	2.9%
Cardiovascular Conditions	112	0.9%
Chromosomal Anomalies	*****	*****
Conduct Disorder	248	1.9%
Congenital Malformations	179	1.4%
Depression	603	4.6%
Developmental Delays	594	4.6%
Diabetes Mellitus	73	0.6%
Drug Abuse or Dependence	105	0.8%
Eating Disorders	14	0.1%
Epilepsy or Convulsions	102	0.8%
Gastrointestinal Conditions	227	1.7%

Table 1b. Aggregated Baseline Table for Single-Dose Doxycycline (All Dispensings) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics ¹	Number	Percent
Injuries	6,559	50.4%
Joint Disorders	59	0.5%
Menstrual Disorders	233	1.8%
Migraine or Headache	126	1.0%
Nausea and Vomiting	262	2.0%
Obesity or Overweight	248	1.9%
Obsessive-Compulsive Disorder	28	0.2%
Pain Conditions	1,170	9.0%
Pervasive Developmental Disorders	325	2.5%
Psychotic Disorders	151	1.2%
Rheumatologic Disorders	21	0.2%
Sleep Disorders	94	0.7%
Smoking	86	0.7%
Specific Personality Disorder	*****	*****
Weight Loss	20	0.2%
Inpatient encounter	153	1.2%
Emergency department encounter	1,726	13.3%
Ambulatory encounter	11,116	85.5%
Other ambulatory encounter	4,379	33.7%
Institutional stay encounter	*****	*****
No encounter	*****	*****

¹All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Sun, J. W., Bourgeois, F. T., Haneuse, S., Hernández-Díaz, S., Landon, J. E., Bateman, B. T., Huybrechts, K. F. Development and validation of a pediatric comorbidity index. American Journal of Epidemiology. 2020;190(5):918-927.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

N/A: Not Applicable

Table 1c. Aggregated Baseline Table for Single-Dose Doxycycline (No Obstetric or Dermatologic Conditions in the Surrounding 30 Days) for Age Groups 0-4, 5-9, 10-14, 15-19 and 0-7, 8-19 in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

Patient Characteristics ¹	Number/Mean	Percent
Number of unique patients	11,462	N/A
Number of dispensings	11,778	100.0%
Number of unique patients with more than one valid dispensing	283	2.5%

¹All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

N/A: Not Applicable

Table 2. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
<i>First Dispensing</i>	12,629	12,629	52,332,728	146,226,983.7	2.41	1.00	0.86
<i>All Dispensings</i>	12,629	13,006	52,332,728	146,248,579.5	2.41	1.03	0.89

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 3. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
First Dispensing							
2016	2,024	2,024	34,306,931	27,694,831.6	0.59	1.00	0.73
2017	2,782	2,782	33,458,018	27,998,603.8	0.83	1.00	0.99
2018	1,997	1,997	33,263,362	27,893,227.3	0.60	1.00	0.72
2019	2,831	2,831	35,710,231	29,846,241.4	0.79	1.00	0.95
2020	2,995	2,995	36,945,003	32,794,079.6	0.81	1.00	0.91
All Dispensings							
2016	2,024	2,061	34,306,931	27,695,691.5	0.59	1.02	0.74
2017	2,810	2,857	33,459,739	28,001,378.0	0.84	1.02	1.02
2018	2,044	2,062	33,267,342	27,897,640.8	0.61	1.01	0.74
2019	2,875	2,917	35,715,424	29,852,000.7	0.80	1.01	0.98
2020	3,055	3,109	36,951,950	32,801,868.6	0.83	1.02	0.95

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 4. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Age Group and Year

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
First Dispensing for Age Groups 0-4 5-9 10-14 15-19							
<i>0-4 years</i>							
2016	59	59	10,791,880	7,732,563.1	0.05	1.00	0.08
2017	69	69	10,372,352	7,640,656.9	0.07	1.00	0.09
2018	61	61	10,150,025	7,501,111.3	0.06	1.00	0.08
2019	213	213	10,863,663	7,979,496.6	0.20	1.00	0.27
2020	292	292	10,806,076	8,425,209.6	0.27	1.00	0.35
<i>5-9 years</i>							
2016	417	417	10,633,187	7,768,246.0	0.39	1.00	0.54
2017	578	578	10,249,991	7,684,925.5	0.56	1.00	0.75
2018	425	425	10,035,812	7,514,107.0	0.42	1.00	0.57
2019	746	746	10,656,563	7,945,326.0	0.70	1.00	0.94
2020	858	858	11,095,800	8,681,197.6	0.77	1.00	0.99
<i>10-14 years</i>							
2016	673	673	9,497,464	6,871,810.9	0.71	1.00	0.98
2017	1,044	1,044	9,520,125	7,131,218.8	1.10	1.00	1.46
2018	692	692	9,671,973	7,282,620.7	0.72	1.00	0.95
2019	914	914	10,507,183	7,910,504.7	0.87	1.00	1.16
2020	879	879	11,066,778	8,703,684.8	0.79	1.00	1.01
<i>15-19 years</i>							
2016	875	875	7,732,657	5,322,211.7	1.13	1.00	1.64
2017	1,091	1,091	7,764,872	5,541,802.5	1.41	1.00	1.97
2018	819	819	7,832,449	5,595,388.4	1.05	1.00	1.46
2019	958	958	8,431,704	6,010,914.1	1.14	1.00	1.59

Table 4. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Age Group and Year

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
2020	966	966	9,095,634	6,983,987.6	1.06	1.00	1.38
All Dispensings for Age Groups 0-4 5-9 10-14 15-19							
<i>0-4 years</i>							
2016	59	59	10,791,880	7,732,587.9	0.05	1.00	0.08
2017	69	70	10,372,396	7,640,719.6	0.07	1.01	0.09
2018	61	62	10,150,106	7,501,197.3	0.06	1.02	0.08
2019	213	214	10,863,757	7,979,644.2	0.20	1.00	0.27
2020	293	300	10,806,285	8,425,492.1	0.27	1.02	0.36
<i>5-9 years</i>							
2016	418	433	10,633,202	7,768,420.3	0.39	1.04	0.56
2017	586	595	10,250,356	7,685,428.2	0.57	1.02	0.77
2018	433	435	10,036,499	7,514,745.4	0.43	1.00	0.58
2019	749	760	10,657,325	7,946,150.9	0.70	1.01	0.96
2020	866	879	11,096,981	8,682,475.5	0.78	1.02	1.01
<i>10-14 years</i>							
2016	675	682	9,497,539	6,872,111.0	0.71	1.01	0.99
2017	1,052	1,073	9,521,006	7,132,340.8	1.10	1.02	1.50
2018	711	716	9,674,003	7,284,541.9	0.73	1.01	0.98
2019	932	943	10,509,884	7,913,028.8	0.89	1.01	1.19
2020	911	926	11,070,171	8,706,832.9	0.82	1.02	1.06
<i>15-19 years</i>							
2016	875	887	7,732,723	5,322,572.3	1.13	1.01	1.67
2017	1,103	1,119	7,765,771	5,542,889.4	1.42	1.01	2.02
2018	840	849	7,834,375	5,597,156.3	1.07	1.01	1.52

Table 4. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Age Group and Year

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
2019	982	1,000	8,434,329	6,013,176.7	1.16	1.02	1.66
2020	987	1,004	9,099,040	6,987,068.1	1.08	1.02	1.44
First Dispensing for Age Groups 0-7 and 8-18							
<i>0-7 years</i>							
2016	164	164	16,252,683	12,349,602.5	0.10	1.00	0.13
2017	203	203	15,531,720	12,178,437.8	0.13	1.00	0.17
2018	178	178	15,194,754	11,963,690.9	0.12	1.00	0.15
2019	525	525	16,254,775	12,749,929.1	0.32	1.00	0.41
2020	733	733	16,431,686	13,682,016.2	0.45	1.00	0.54
<i>8-19 years</i>							
2016	1,860	1,860	19,651,207	15,345,229.2	0.95	1.00	1.21
2017	2,579	2,579	19,498,972	15,820,166.0	1.32	1.00	1.63
2018	1,819	1,819	19,576,947	15,929,536.4	0.93	1.00	1.14
2019	2,306	2,306	21,046,652	17,096,312.3	1.10	1.00	1.35
2020	2,262	2,262	22,243,518	19,112,063.4	1.02	1.00	1.18
All Dispensings for Age Groups 0-7 and 8-18							
<i>0-7 years</i>							
2016	164	172	16,252,683	12,349,670.5	0.10	1.05	0.14
2017	204	205	15,531,848	12,178,623.4	0.13	1.00	0.17
2018	180	182	15,194,996	11,963,952.1	0.12	1.01	0.15
2019	525	530	16,255,070	12,750,381.4	0.32	1.01	0.42
2020	736	750	16,432,312	13,682,872.5	0.45	1.02	0.55
<i>8-19 years</i>							
2016	1,861	1,889	19,651,237	15,346,021.0	0.95	1.02	1.23

Table 4. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Age Group and Year

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
2017	2,606	2,652	19,500,635	15,822,754.6	1.34	1.02	1.68
2018	1,864	1,880	19,580,789	15,933,688.7	0.95	1.01	1.18
2019	2,350	2,387	21,051,693	17,101,619.3	1.12	1.02	1.40
2020	2,319	2,359	22,250,106	19,118,996.0	1.04	1.02	1.23

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 5. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year and Month

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
First Dispensing							
<i>2016</i>							
January	18	18	29,607,301	1,229,586.8	0.01	1.00	0.15
February	59	59	29,192,482	2,313,975.8	0.02	1.00	0.25
March	194	194	30,164,134	2,476,036.7	0.06	1.00	0.78
April	235	235	29,246,582	2,398,180.7	0.08	1.00	0.98
May	338	338	30,142,169	2,481,456.1	0.11	1.00	1.36
June	253	253	29,249,071	2,398,433.9	0.09	1.00	1.05
July	143	143	30,161,176	2,481,013.8	0.05	1.00	0.58
August	90	90	30,247,783	2,479,491.5	0.03	1.00	0.36
September	86	86	29,332,368	2,405,013.5	0.03	1.00	0.36
October	256	256	30,259,024	2,491,998.1	0.08	1.00	1.03
November	301	301	29,388,107	2,409,742.9	0.10	1.00	1.25
December	51	51	30,250,170	2,129,901.7	0.02	1.00	0.24
<i>2017</i>							
January	60	60	29,203,553	2,128,958.4	0.02	1.00	0.28
February	104	104	28,453,579	2,177,624.6	0.04	1.00	0.48
March	104	104	29,310,157	2,406,745.6	0.04	1.00	0.43
April	443	443	28,444,776	2,332,204.5	0.16	1.00	1.90
May	563	563	29,244,276	2,406,698.2	0.19	1.00	2.34
June	422	422	28,340,332	2,323,674.7	0.15	1.00	1.82
July	231	231	29,167,795	2,399,837.1	0.08	1.00	0.96
August	97	97	29,189,948	2,394,229.9	0.03	1.00	0.41
September	70	70	28,261,162	2,316,976.9	0.02	1.00	0.30
October	347	347	29,147,661	2,396,393.9	0.12	1.00	1.45

Table 5. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year and Month

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
November	279	279	28,294,808	2,319,824.8	0.10	1.00	1.20
December	62	62	29,181,887	2,395,435.2	0.02	1.00	0.26
2018							
January	49	49	29,143,637	2,392,123.2	0.02	1.00	0.20
February	71	71	28,177,431	2,156,384.9	0.03	1.00	0.33
March	68	68	29,026,770	2,380,176.0	0.02	1.00	0.29
April	240	240	28,132,623	2,306,490.4	0.09	1.00	1.04
May	565	565	28,941,170	2,380,927.7	0.20	1.00	2.37
June	355	355	28,049,061	2,299,727.7	0.13	1.00	1.54
July	149	149	28,867,313	2,372,103.0	0.05	1.00	0.63
August	109	109	28,865,394	2,367,135.9	0.04	1.00	0.46
September	71	71	27,906,805	2,287,898.3	0.03	1.00	0.31
October	163	163	28,744,979	2,359,319.0	0.06	1.00	0.69
November	116	116	27,798,277	2,279,052.9	0.04	1.00	0.51
December	41	41	28,647,847	2,311,888.3	0.01	1.00	0.18
2019							
January	*****	*****	*****	*****	0.01	1.00	0.18
February	*****	*****	*****	*****	0.01	1.00	0.15
March	89	89	31,348,500	2,574,010.8	0.03	1.00	0.35
April	467	467	30,309,301	2,485,157.0	0.15	1.00	1.88
May	627	627	31,213,758	2,568,142.8	0.20	1.00	2.44
June	468	468	30,237,955	2,479,318.2	0.15	1.00	1.89
July	252	252	31,153,124	2,557,894.6	0.08	1.00	0.99
August	129	129	31,148,797	2,555,810.7	0.04	1.00	0.50
September	98	98	30,158,714	2,472,538.0	0.03	1.00	0.40

Table 5. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year and Month

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
October	368	368	31,086,510	2,553,517.9	0.12	1.00	1.44
November	199	199	30,100,690	2,467,932.8	0.07	1.00	0.81
December	57	57	30,980,275	2,480,743.2	0.02	1.00	0.23
2020							
January	63	63	32,565,410	2,483,832.5	0.02	1.00	0.25
February	70	70	31,706,007	2,512,881.3	0.02	1.00	0.28
March	251	251	32,583,581	2,707,465.6	0.08	1.00	0.93
April	426	426	32,327,761	2,650,995.2	0.13	1.00	1.61
May	581	581	33,275,365	2,777,015.5	0.17	1.00	2.09
June	437	437	33,079,141	2,712,310.7	0.13	1.00	1.61
July	224	224	33,871,049	2,828,698.8	0.07	1.00	0.79
August	118	118	34,147,715	2,852,339.7	0.03	1.00	0.41
September	76	76	33,922,566	2,781,043.6	0.02	1.00	0.27
October	328	328	34,599,252	2,894,530.7	0.09	1.00	1.13
November	347	347	34,367,377	2,817,230.0	0.10	1.00	1.23
December	74	74	35,002,970	2,775,736.0	0.02	1.00	0.27
All Dispensings							
2016							
January	18	18	29,607,301	1,229,587.4	0.01	1.00	0.15
February	59	59	29,192,500	2,313,979.1	0.02	1.00	0.25
March	195	195	30,164,208	2,476,048.9	0.06	1.00	0.79
April	236	236	29,246,841	2,398,209.3	0.08	1.00	0.98
May	342	345	30,142,661	2,481,509.4	0.11	1.01	1.39
June	257	257	29,249,872	2,398,509.9	0.09	1.00	1.07
July	147	148	30,162,221	2,481,107.0	0.05	1.01	0.60

Table 5. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year and Month

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
August	94	94	30,248,952	2,479,591.7	0.03	1.00	0.38
September	89	90	29,333,584	2,405,114.8	0.03	1.01	0.37
October	261	262	30,260,317	2,492,113.5	0.09	1.00	1.05
November	305	305	29,389,602	2,409,878.5	0.10	1.00	1.27
December	52	52	30,251,958	2,130,041.9	0.02	1.00	0.24
2017							
January	61	61	29,205,231	2,129,099.1	0.02	1.00	0.29
February	105	106	28,455,262	2,177,754.6	0.04	1.01	0.49
March	107	107	29,311,940	2,406,896.5	0.04	1.00	0.44
April	450	452	28,446,599	2,332,367.5	0.16	1.00	1.94
May	575	579	29,246,536	2,406,906.4	0.20	1.01	2.41
June	433	438	28,343,071	2,323,913.9	0.15	1.01	1.88
July	236	237	29,170,948	2,400,107.6	0.08	1.00	0.99
August	99	100	29,193,279	2,394,509.7	0.03	1.01	0.42
September	72	72	28,264,468	2,317,248.2	0.03	1.00	0.31
October	355	355	29,151,029	2,396,683.2	0.12	1.00	1.48
November	283	285	28,298,413	2,320,132.5	0.10	1.01	1.23
December	65	65	29,185,770	2,395,758.8	0.02	1.00	0.27
2018							
January	52	52	29,147,513	2,392,445.3	0.02	1.00	0.22
February	73	73	28,181,199	2,156,673.6	0.03	1.00	0.34
March	70	70	29,030,617	2,380,496.3	0.02	1.00	0.29
April	250	251	28,136,398	2,306,804.9	0.09	1.00	1.09
May	576	578	28,945,180	2,381,281.2	0.20	1.00	2.43
June	367	369	28,053,495	2,300,104.5	0.13	1.01	1.60

Table 5. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year and Month

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
July	152	152	28,872,104	2,372,507.6	0.05	1.00	0.64
August	115	116	28,870,275	2,367,543.8	0.04	1.01	0.49
September	72	72	27,911,624	2,288,294.2	0.03	1.00	0.31
October	167	167	28,749,877	2,359,730.6	0.06	1.00	0.71
November	118	118	27,803,156	2,279,456.7	0.04	1.00	0.52
December	43	44	28,652,852	2,312,302.1	0.02	1.02	0.19
2019							
January	*****	*****	*****	*****	0.01	1.00	0.19
February	*****	*****	*****	*****	0.01	1.00	0.15
March	92	93	31,353,420	2,574,419.1	0.03	1.01	0.36
April	473	473	30,314,126	2,485,564.6	0.16	1.00	1.90
May	643	646	31,219,066	2,568,604.4	0.21	1.00	2.51
June	480	480	30,243,697	2,479,805.1	0.16	1.00	1.94
July	261	261	31,159,359	2,558,420.5	0.08	1.00	1.02
August	134	135	31,155,183	2,556,343.6	0.04	1.01	0.53
September	102	103	30,164,987	2,473,053.2	0.03	1.01	0.42
October	380	381	31,092,902	2,554,056.8	0.12	1.00	1.49
November	204	207	30,107,249	2,468,478.1	0.07	1.01	0.84
December	59	60	30,987,051	2,481,297.2	0.02	1.02	0.24
2020							
January	67	68	32,572,140	2,484,384.6	0.02	1.01	0.27
February	72	74	31,712,640	2,513,407.3	0.02	1.03	0.29
March	257	258	32,590,309	2,708,035.2	0.08	1.00	0.95
April	440	442	32,334,645	2,651,573.9	0.14	1.00	1.67
May	588	589	33,282,709	2,777,654.4	0.18	1.00	2.12

Table 5. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Year and Month

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10000 Eligible Member-Years ¹
June	452	455	33,086,993	2,712,969.6	0.14	1.01	1.68
July	235	235	33,879,341	2,829,405.1	0.07	1.00	0.83
August	124	124	34,156,196	2,853,056.3	0.04	1.00	0.43
September	81	81	33,931,075	2,781,742.0	0.02	1.00	0.29
October	341	341	34,607,822	2,895,261.5	0.10	1.00	1.18
November	362	364	34,376,190	2,817,963.6	0.11	1.01	1.29
December	76	78	35,012,104	2,776,415.2	0.02	1.03	0.28

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 6. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Sex

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
First Dispensing							
Female	6,152	6,152	25,770,984	71,622,614.9	2.39	1.00	0.86
Male	6,477	6,477	26,561,744	74,604,368.8	2.44	1.00	0.87
All Dispensings							
Female	6,152	6,333	25,770,984	71,632,632.3	2.39	1.03	0.88
Male	6,477	6,673	26,561,744	74,615,947.2	2.44	1.03	0.89

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 7. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Age Group

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
First Dispensing for Age Groups 0-4 5-9 10-14 15-19							
0-4 years	694	694	20,828,066	39,279,037.5	0.33	1.00	0.18
5-9 years	3,024	3,024	20,785,403	39,593,802.1	1.45	1.00	0.76
10-14 years	4,202	4,202	19,694,918	37,899,839.8	2.13	1.00	1.11
15-19 years	4,709	4,709	16,932,249	29,454,304.2	2.78	1.00	1.60
All Dispensings for Age Groups 0-4 5-9 10-14 15-19							
0-4 years	694	705	20,828,066	39,279,641.1	0.33	1.02	0.18
5-9 years	3,028	3,102	20,785,722	39,597,220.2	1.46	1.02	0.78
10-14 years	4,230	4,340	19,696,531	37,908,855.3	2.15	1.03	1.14
15-19 years	4,735	4,859	16,934,044	29,462,862.8	2.80	1.03	1.65
First Dispensing for Age Groups 0-7 and 8-19							
0-7 years	1,803	1,803	27,870,670	62,923,676.5	0.65	1.00	0.29
8-19 years	10,826	10,826	33,435,474	83,303,307.2	3.24	1.00	1.30
All Dispensings for Age Groups 0-7 and 8-19							
0-7 years	1,803	1,839	27,870,670	62,925,499.9	0.65	1.02	0.29
8-19 years	10,840	11,167	33,436,110	83,323,079.6	3.24	1.03	1.34

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 8. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Hispanic Origin and Race¹

	New Users	New Dispensings	Number of Eligible Members ²	Total Eligible Member-Years ²	Number of Members with a Dispensing per 10,000 Eligible Members ²	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ²
First Dispensing							
<i>Hispanic Origin</i>							
American Indian or Alaska Native	0	0	0	0.0	NaN	NaN	NaN
Asian	0	0	0	0.0	NaN	NaN	NaN
Black or African American	0	0	0	0.0	NaN	NaN	NaN
Multi-racial	0	0	0	0.0	NaN	NaN	NaN
Native Hawaiian or Other Pacific Islander	0	0	0	0.0	NaN	NaN	NaN
Unknown	*****	*****	*****	*****	0.69	1.00	0.22
White	0	0	0	0.0	NaN	NaN	NaN
<i>Not Hispanic Origin</i>							
American Indian or Alaska Native	*****	*****	*****	*****	2.07	1.00	0.68
Asian	113	113	1,793,677	5,071,315.7	0.63	1.00	0.22
Black or African American	*****	*****	*****	*****	0.78	1.00	0.28
Multi-racial	60	60	425,662	1,309,680.8	1.41	1.00	0.46
Native Hawaiian or Other Pacific Islander	21	21	259,956	796,564.1	0.81	1.00	0.26
Unknown	*****	*****	*****	*****	2.27	1.00	0.88
White	9,000	9,000	17,805,023	49,184,472.3	5.05	1.00	1.83
<i>Unknown - Hispanic Origin</i>							
American Indian or Alaska Native	0	0	0	0.0	NaN	NaN	NaN
Asian	0	0	0	0.0	NaN	NaN	NaN
Black or African American	0	0	0	0.0	NaN	NaN	NaN
Multi-racial	0	0	0	0.0	NaN	NaN	NaN

Table 8. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Hispanic Origin and Race¹

	New Users	New Dispensings	Number of Eligible Members ²	Total Eligible Member-Years ²	Number of Members with a Dispensing per 10,000 Eligible Members ²	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ²
Native Hawaiian or Other Pacific Islander	0	0	0	0.0	NaN	NaN	NaN
Unknown	*****	*****	*****	*****	2.01	1.00	0.92
White	0	0	0	0.0	NaN	NaN	NaN
All Dispensings							
<i>Hispanic Origin</i>							
American Indian or Alaska Native	0	0	0	0.0	NaN	NaN	NaN
Asian	0	0	0	0.0	NaN	NaN	NaN
Black or African American	0	0	0	0.0	NaN	NaN	NaN
Multi-racial	0	0	0	0.0	NaN	NaN	NaN
Native Hawaiian or Other Pacific Islander	0	0	0	0.0	NaN	NaN	NaN
Unknown	*****	*****	*****	*****	0.69	1.02	0.22
White	0	0	0	0.0	NaN	NaN	NaN
<i>Not Hispanic Origin</i>							
American Indian or Alaska Native	*****	*****	*****	*****	2.07	1.02	0.70
Asian	113	116	1,793,677	5,071,485.4	0.63	1.03	0.23
Black or African American	*****	*****	*****	*****	0.78	1.05	0.29
Multi-racial	60	61	425,662	1,309,806.7	1.41	1.02	0.47
Native Hawaiian or Other Pacific Islander	21	22	259,956	796,599.1	0.81	1.05	0.28
Unknown	*****	*****	*****	*****	2.27	1.11	0.97
White	9,000	9,259	17,805,023	49,200,525.7	5.05	1.03	1.88

Unknown - Hispanic Origin

Table 8. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Hispanic Origin and Race¹

	New Users	New Dispensings	Number of Eligible Members ²	Total Eligible Member-Years ²	Number of Members with a Dispensing per 10,000 Eligible Members ²	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ²
American Indian or Alaska Native	0	0	0	0.0	NaN	NaN	NaN
Asian	0	0	0	0.0	NaN	NaN	NaN
Black or African American	0	0	0	0.0	NaN	NaN	NaN
Multi-racial	0	0	0	0.0	NaN	NaN	NaN
Native Hawaiian or Other Pacific Islander	0	0	0	0.0	NaN	NaN	NaN
Unknown	*****	*****	*****	*****	2.01	1.03	0.95
White	0	0	0	0.0	NaN	NaN	NaN

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented..

Data represented by NaN (Not a Number) is due to their inability to be calculated.

Table 9. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Urbanicity

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
First Dispensing							
Rural (population <2,500)	1,521	1,521	1,793,090	5,094,512.9	8.48	1.00	2.99
Suburban (population >= 2,500)	5,057	5,057	14,340,854	40,771,930.9	3.53	1.00	1.24
Urban (population >= 50,000)	6,051	6,051	36,198,784	100,360,539.8	1.67	1.00	0.60
All Dispensings							
Rural (population <2,500)	1,521	1,569	1,793,090	5,097,409.6	8.48	1.03	3.08
Suburban (population >= 2,500)	5,057	5,205	14,340,854	40,780,745.7	3.53	1.03	1.28
Urban (population >= 50,000)	6,051	6,232	36,198,784	100,370,424.2	1.67	1.03	0.62

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 10. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
First Dispensing							
Emerging	1,224	1,224	10,863,995	30,057,482.9	1.13	1.00	0.41
Low	1,430	1,430	29,370,297	82,720,043.7	0.49	1.00	0.17
High	9,975	9,975	12,098,436	33,449,457.1	8.24	1.00	2.98
All Dispensings							
Emerging	1,224	1,249	10,863,995	30,059,440.0	1.13	1.02	0.42
Low	1,430	1,458	29,370,297	82,722,032.7	0.49	1.02	0.18
High	9,975	10,299	12,098,436	33,467,106.7	8.24	1.03	3.08

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 11. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by State

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
First Dispensing							
AK	*****	*****	*****	*****	0.65	1.00	0.20
AL	*****	*****	*****	*****	1.41	1.00	0.81
AR	*****	*****	*****	*****	0.32	1.00	0.16
AZ	82	82	1,332,732	4,129,677.5	0.62	1.00	0.20
CA	311	311	7,008,083	22,921,800.9	0.44	1.00	0.14
CO	36	36	913,628	2,861,485.1	0.39	1.00	0.13
CT	559	559	506,496	1,634,182.6	11.04	1.00	3.42
DC	*****	*****	*****	*****	0.48	1.00	0.18
DE	*****	*****	*****	*****	3.34	1.00	1.06
FL	192	192	3,491,086	6,455,355.6	0.55	1.00	0.30
GA	67	67	2,067,214	3,736,532.2	0.32	1.00	0.18
HI	11	11	233,724	726,170.9	0.47	1.00	0.15
IA	82	82	513,713	1,601,514.8	1.60	1.00	0.51
ID	*****	*****	*****	*****	0.28	1.00	0.09
IL	131	131	1,995,063	5,402,712.5	0.66	1.00	0.24
IN	109	109	1,119,628	3,441,645.4	0.97	1.00	0.32
KS	51	51	436,591	1,345,408.1	1.17	1.00	0.38
KY	*****	*****	*****	*****	0.34	1.00	0.19
LA	*****	*****	*****	*****	0.63	1.00	0.19
MA	616	616	733,471	1,501,798.4	8.40	1.00	4.10
MD	73	73	692,220	680,826.8	1.05	1.00	1.07
ME	686	686	181,426	539,001.1	37.81	1.00	12.73
MI	164	164	1,473,997	3,825,291.5	1.11	1.00	0.43
MN	434	434	775,284	2,357,362.4	5.60	1.00	1.84
MO	200	200	935,318	2,927,951.7	2.14	1.00	0.68
MS	*****	*****	*****	*****	0.43	1.00	0.16

Table 11. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by State

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
MT	*****	*****	*****	*****	0.52	1.00	0.16
NC	164	164	1,807,697	6,081,893.4	0.91	1.00	0.27
ND	*****	*****	*****	*****	1.02	1.00	0.41
NE	*****	*****	*****	*****	0.50	1.00	0.17
NH	497	497	154,024	460,291.9	32.27	1.00	10.80
NJ	282	282	1,177,531	3,583,788.9	2.39	1.00	0.79
NM	31	31	534,065	1,757,589.2	0.58	1.00	0.18
NV	*****	*****	*****	*****	0.17	1.00	0.06
NY	2,588	2,588	3,542,676	9,960,234.7	7.31	1.00	2.60
OH	286	286	1,993,886	6,085,707.6	1.43	1.00	0.47
OK	*****	*****	*****	*****	0.37	1.00	0.19
OR	66	66	696,556	2,097,585.9	0.95	1.00	0.31
PA	2,750	2,750	1,982,724	5,861,601.1	13.87	1.00	4.69
RI	75	75	195,656	223,095.3	3.83	1.00	3.36
SC	*****	*****	*****	*****	1.15	1.00	0.56
SD	*****	*****	*****	*****	0.63	1.00	0.21
TN	51	51	1,209,778	1,558,444.4	0.42	1.00	0.33
TX	74	74	5,576,107	16,514,966.6	0.13	1.00	0.04
UT	*****	*****	*****	*****	0.41	1.00	0.22
VA	302	302	1,061,290	3,372,063.4	2.85	1.00	0.90
VT	612	612	103,247	311,973.0	59.28	1.00	19.62
WA	97	97	1,261,883	4,140,165.6	0.77	1.00	0.23
WI	447	447	830,906	2,455,262.1	5.38	1.00	1.82
WV	211	211	331,476	968,968.6	6.37	1.00	2.18
WY	*****	*****	*****	*****	0.27	1.00	0.10

All Dispensings

AK	*****	*****	*****	*****	0.65	1.00	0.20
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Table 11. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by State

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
AL	*****	*****	*****	*****	1.41	1.00	0.81
AR	*****	*****	*****	*****	0.32	1.00	0.16
AZ	82	84	1,332,732	4,129,763.1	0.62	1.02	0.20
CA	311	314	7,008,083	22,922,279.3	0.44	1.01	0.14
CO	36	36	913,628	2,861,532.0	0.39	1.00	0.13
CT	559	586	506,496	1,635,183.5	11.04	1.05	3.58
DC	*****	*****	*****	*****	0.48	1.00	0.18
DE	*****	*****	*****	*****	3.34	1.04	1.10
FL	192	206	3,491,086	6,455,562.9	0.55	1.07	0.32
GA	67	67	2,067,214	3,736,603.7	0.32	1.00	0.18
HI	11	11	233,724	726,182.9	0.47	1.00	0.15
IA	82	84	513,713	1,601,655.1	1.60	1.02	0.52
ID	*****	*****	*****	*****	0.28	1.00	0.09
IL	131	131	1,995,063	5,402,932.2	0.66	1.00	0.24
IN	109	113	1,119,628	3,441,855.8	0.97	1.04	0.33
KS	51	51	436,591	1,345,494.2	1.17	1.00	0.38
KY	*****	*****	*****	*****	0.34	1.00	0.19
LA	*****	*****	*****	*****	0.63	1.03	0.19
MA	616	640	733,471	1,502,770.2	8.40	1.04	4.26
MD	73	75	692,220	680,866.3	1.05	1.03	1.10
ME	686	708	181,426	540,303.3	37.81	1.03	13.10
MI	164	167	1,473,997	3,825,517.9	1.11	1.02	0.44
MN	434	443	775,284	2,358,238.4	5.60	1.02	1.88
MO	200	202	935,318	2,928,255.3	2.14	1.01	0.69
MS	*****	*****	*****	*****	0.43	1.00	0.16
MT	*****	*****	*****	*****	0.52	1.00	0.16
NC	164	167	1,807,697	6,082,189.8	0.91	1.02	0.27

Table 11. Summary of Single-Dose Dispensings of Doxycycline in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by State

	New Users	New Dispensings	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Members with a Dispensing per 10,000 Eligible Members ¹	Average Number of Dispensings per Member	Number of Dispensings per 10,000 Eligible Member-Years ¹
ND	*****	*****	*****	*****	1.02	1.00	0.41
NE	*****	*****	*****	*****	0.50	1.00	0.17
NH	497	512	154,024	461,237.3	32.27	1.03	11.10
NJ	282	288	1,177,531	3,584,267.9	2.39	1.02	0.80
NM	31	31	534,065	1,757,631.3	0.58	1.00	0.18
NV	*****	*****	*****	*****	0.17	1.11	0.07
NY	2,588	2,672	3,542,676	9,964,500.8	7.31	1.03	2.68
OH	286	291	1,993,886	6,086,163.6	1.43	1.02	0.48
OK	*****	*****	*****	*****	0.37	1.00	0.19
OR	66	66	696,556	2,097,697.0	0.95	1.00	0.31
PA	2,750	2,838	1,982,724	5,866,766.0	13.87	1.03	4.84
RI	75	79	195,656	223,135.6	3.83	1.05	3.54
SC	*****	*****	*****	*****	1.15	1.00	0.56
SD	*****	*****	*****	*****	0.63	1.00	0.21
TN	51	57	1,209,778	1,558,494.9	0.42	1.12	0.37
TX	74	75	5,576,107	16,515,069.1	0.13	1.01	0.05
UT	*****	*****	*****	*****	0.41	1.00	0.22
VA	302	308	1,061,290	3,372,589.9	2.85	1.02	0.91
VT	612	640	103,247	313,090.8	59.28	1.05	20.44
WA	97	100	1,261,883	4,140,295.4	0.77	1.03	0.24
WI	447	454	830,906	2,456,081.9	5.38	1.02	1.85
WV	211	213	331,476	969,290.8	6.37	1.01	2.20
WY	*****	*****	*****	*****	0.27	1.00	0.10

¹Eligible Members and Member-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 12a. Summary of Ratios* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
All Dispensings					
<i>Emerging (n=1235)</i>					
All States with Emerging Incidence Category	.22	.31	.33	0.4	.46
DC	NaN	.22	.11	.31	.13
IA	0.5	.26	.58	.37	.52
IL	NaN	.21	.21	.21	.21
IN	.21	.21	0.3	.29	.36
KY	.28	NaN	NaN	.38	NaN
MI	.17	.27	.28	0.4	.49
NC	.17	.24	.26	.25	0.3
ND	.18	.51	.17	.18	.54
OH	.15	.42	.35	.55	.57
SD	.11	.11	.11	.22	.34
TN	.22	.42	.47	.23	0.3
WV	.78	1.3	1.6	2.4	3.1
<i>High (n=10138)</i>					
All States with High Incidence Category	2.1	3	1.9	2.8	2.7
CT	3.2	4.6	2.7	2.2	2.5
DE	.67	.83	.75	1.4	.86
MA	2.4	4.1	1.7	3.6	4
MD	.47	.56	.32	.36	.99
ME	9.2	13	6.7	13	13
MN	1.6	1.8	1.2	1.6	1.7
NH	6.1	10	6.4	13	10
NJ	.56	.59	.61	.81	.73
NY	1.7	2.4	1.7	2.7	2.5
PA	3.4	4.5	3.2	3.8	4.5
RI	1.8	.75	2	NaN	3.8
VA	.42	.88	.81	.85	.93
VT	11	24	11	21	19
WI	1.6	1.4	1.1	1.9	1.6
<i>Low (n=1435)</i>					
All States with Low Incidence Category	.13	.13	.14	.17	.16
AK	NaN	0.2	.09	.18	.37
AL	.42	1.3	NaN	.46	.83
AR	.26	.04	.11	.22	.15
AZ	.07	.17	.14	.25	.21
CA	.09	.08	.12	.15	.14

Table 12a. Summary of Ratios* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
CO	.05	.04	.15	.19	.11
FL	.34	.67	.21	0.2	.15
GA	.11	.88	.28	.13	.14
HI	.18	.06	.06	0.3	.06
ID	.09	.08	.13	.04	.05
KS	.09	.43	.41	.35	.33
LA	.16	.16	.19	.14	.17
MO	.34	.61	.46	.91	.61
MS	NaN	.28	.06	0.1	.11
MT	.15	.07	.07	.07	.37
NE	0.1	.15	.26	.05	.15
NM	.17	.14	.17	0.1	.19
NV	.05	.05	.05	.05	.03
OK	.15	0.1	.18	NaN	.75
OR	.17	.27	.28	.26	.33
SC	.29	.37	NaN	.36	1.2
TX	.03	.04	.04	.03	.05
UT	NaN	NaN	NaN	NaN	1.1
WA	.18	.12	.26	0.2	.27
WY	.19	NaN	NaN	NaN	.22

First Dispensing

Emerging (n=1224)

All States with Emerging Incidence Category	.22	.31	.33	0.4	.45
DC	NaN	.22	.11	.31	.13
IA	0.5	.26	.58	.34	0.5
IL	NaN	.21	.21	.21	.21
IN	.21	0.2	0.3	.29	.36
KY	.28	NaN	NaN	.38	NaN
MI	.17	.27	.28	0.4	.48
NC	.17	.24	.26	.25	.29
ND	.18	.51	.17	.18	.54
OH	.15	.42	.35	.55	.56
SD	.11	.11	.11	.22	.34
TN	.22	.42	.24	.23	0.3
WV	.78	1.3	1.6	2.4	3.1

High (n=9975)

All States with High Incidence Category	2.1	2.9	1.9	2.8	2.7
CT	3.2	4.4	2.6	2.1	2.5

Table 12a. Summary of Ratios* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
DE	.67	.83	.75	1.4	.86
MA	2.4	4.1	1.6	3.4	3.8
MD	.47	.56	.32	.36	.99
ME	9.2	13	6.4	13	12
MN	1.6	1.8	1.1	1.5	1.6
NH	6.1	10	6.1	13	10
NJ	.56	.59	.61	.79	.73
NY	1.7	2.4	1.6	2.6	2.5
PA	3.4	4.5	3.1	3.7	4.5
RI	1.8	.75	2	NaN	3.8
VA	.42	.88	.81	.83	.91
VT	11	24	11	20	18
WI	1.6	1.4	1.1	1.9	1.5
<i>Low (n=1430)</i>					
All States with Low Incidence Category	.13	.13	.14	.17	.16
AK	NaN	0.2	.09	.18	.37
AL	.42	1.3	NaN	.46	.83
AR	.26	.04	.11	.22	.15
AZ	.07	.17	.14	.25	.21
CA	.09	.08	.12	.15	.14
CO	.05	.04	.15	.19	.11
FL	.34	.67	.21	0.2	.14
GA	.11	.88	.28	.13	.14
HI	.18	.06	.06	0.3	.06
ID	.09	.08	.13	.04	.05
KS	.09	.43	.41	.35	.33
LA	.16	.16	.19	.14	.17
MO	.34	.61	.45	.91	.61
MS	NaN	.28	.06	0.1	.11
MT	.15	.07	.07	.07	.37
NE	0.1	.15	.26	.05	.15
NM	.17	.14	.17	0.1	.19
NV	.05	.05	.05	.05	.03
OK	.15	0.1	.18	NaN	.75
OR	.17	.27	.28	.26	.33
SC	.29	.37	NaN	.36	1.2
TX	.03	.04	.04	.03	.04
UT	NaN	NaN	NaN	NaN	1.1

Table 12a. Summary of Ratios* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
WA	.18	.12	.26	0.2	.27
WY	.19	NaN	NaN	NaN	.22

** This is defined as the number of members with a dispensing / eligible members*

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented..*

Data represented by NaN (Not a Number) is due to their inability to be calculated.

Table 12b. Summary of Rates* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
All Dispensings					
<i>Emerging (n=1235)</i>					
All States with Emerging Incidence Category	.27	.37	.39	.48	.52
DC	0	.24	.12	.36	.15
IA	.63	.31	.68	.42	.58
IL	0	.26	.25	.24	.23
IN	.26	.25	.37	.36	0.4
KY	.38	0	0	.54	0
MI	.24	.34	.34	.49	.57
NC	.19	.27	0.3	.29	.33
ND	.24	.66	.22	.23	.66
OH	.18	.49	.42	.67	.64
SD	.14	.13	.13	.27	.38
TN	.29	.58	.66	.34	.41
WV	.97	1.5	2	2.9	3.5
<i>High (n=10138)</i>					
All States with High Incidence Category	2.7	3.7	2.4	3.4	3.2
CT	4.1	5.4	3.3	2.5	2.8
DE	.85	.98	.87	1.8	.95
MA	3.2	5.5	2.8	4.7	4.9
MD	.67	.77	.45	.53	1.2
ME	11	15	8.2	16	15
MN	2.1	2.1	1.4	1.9	1.9
NH	7.3	13	7.7	16	12
NJ	.72	.74	.73	.97	.85
NY	2.2	3	2	3.3	2.9
PA	4.6	5.8	3.9	4.7	5.2
RI	2.2	1.8	9.1	0	5
VA	.52	1	.94	1	1
VT	14	29	13	25	22
WI	2.1	1.8	1.3	2.3	1.8
<i>Low (n=1435)</i>					
All States with Low Incidence Category	.16	.16	.17	0.2	.18
AK	0	.22	.11	.21	.41
AL	.56	1.7	0	.66	1.1
AR	.35	.05	.13	.27	.17
AZ	.09	.23	.17	0.3	.24

Table 12b. Summary of Rates* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
CA	.11	0.1	.14	.18	.16
CO	.05	.05	.17	.23	.13
FL	.47	1.1	0.4	.26	.17
GA	.16	1.2	.39	.17	.16
HI	.21	.07	.07	.35	.07
ID	.11	.09	.15	.05	.05
KS	.11	.53	.49	.43	.37
LA	.21	.18	.22	.15	.19
MO	.41	.68	.54	1.1	.69
MS	0	.34	.07	.12	.13
MT	.17	.08	.08	.08	.43
NE	.13	.19	.31	.06	.18
NM	.19	.16	0.2	.12	.21
NV	.06	0.1	.06	.07	.03
OK	.18	.12	.24	0	1
OR	.22	.33	.33	.31	.37
SC	.38	.48	0	.49	1.5
TX	.04	.05	.05	.03	.05
UT	0	0	0	0	1.5
WA	.21	.14	0.3	.23	.32
WY	.26	0	0	0	.26

First Dispensing

Emerging (n=1224)

All States with Emerging Incidence Category	.27	.37	.38	.47	0.5
DC	0	.24	.12	.36	.15
IA	.63	.31	.68	.39	.55
IL	0	.26	.25	.24	.23
IN	.26	.23	.35	.34	0.4
KY	.38	0	0	.54	0
MI	.24	.34	.34	.49	.54
NC	.19	.27	0.3	.28	.31
ND	.24	.66	.22	.23	.66
OH	.18	.49	.42	.66	.63
SD	.14	.13	.13	.27	.38
TN	.28	.58	.33	.34	.36
WV	.97	1.5	2	2.9	3.4

High (n=9975)

Table 12b. Summary of Rates* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
All States with High Incidence Category	2.7	3.6	2.3	3.3	3.1
CT	4	5.1	3	2.4	2.7
DE	.85	.98	.87	1.6	.95
MA	3.1	5.4	2.7	4.4	4.6
MD	.67	.77	.45	.53	1.1
ME	11	15	7.7	16	14
MN	2.1	2.1	1.3	1.9	1.8
NH	7.3	13	7.3	16	11
NJ	.72	.71	.73	.94	.83
NY	2.1	2.9	1.9	3.2	2.8
PA	4.5	5.6	3.8	4.5	5.1
RI	2.2	1.8	3	0	4.8
VA	0.5	1	.94	.98	1
VT	14	27	12	24	21
WI	2.1	1.7	1.3	2.3	1.8
<i>Low (n=1430)</i>					
All States with Low Incidence Category	.16	.16	.17	0.2	.18
AK	0	.22	.11	.21	.41
AL	.56	1.7	0	.66	1.1
AR	.35	.05	.13	.27	.17
AZ	.09	0.2	.17	0.3	.24
CA	.11	0.1	.14	.18	.16
CO	.05	.05	.17	.23	.13
FL	.42	1.1	0.4	.26	.16
GA	.16	1.2	.39	.17	.16
HI	.21	.07	.07	.35	.07
ID	.11	.09	.15	.05	.05
KS	.11	.53	.49	.43	.37
LA	.19	.18	.21	.15	.19
MO	.41	.68	.53	1.1	.69
MS	0	.34	.07	.12	.13
MT	.17	.08	.08	.08	.43
NE	.13	.19	.31	.06	.18
NM	.19	.16	0.2	.12	.21
NV	.06	.06	.06	.07	.03
OK	.18	.12	.24	0	1
OR	.22	.33	.33	.31	.37

Table 12b. Summary of Rates* of Members with a Single-Dose Doxycycline Dispensing in the Sentinel Distributed Database (SDD) from January 1, 2016 to December 31, 2020, by Incidence Category and State

State	2016	2017	2018	2019	2020
SC	.38	.48	0	.49	1.5
TX	.04	.05	.05	.03	.05
UT	0	0	0	0	1.5
WA	.21	.13	0.3	.23	0.3
WY	.26	0	0	0	.26

* This is defined as the number of members with a dispensing / person-time in all eligible members

****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (December 2, 2024)

Masked DP ID	DP Start Date	DP End Date ¹
DP01	01/01/2014	12/31/2021

¹End Date represents the earliest of: (1) query end date, or (2) last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.

Appendix B. List of Generic and Brand Names of Medical Products Used to Define Exposures in this Request

Generic Name	Brand Name
Doxycycline	
doxycycline calcium	Vibramycin (calcium)
doxycycline hyclate	Acticlate
doxycycline hyclate	Morgidox
doxycycline hyclate	Targadox
doxycycline hyclate	Vibramycin
doxycycline hyclate	doxycycline hyclate
doxycycline monohydrate	Adoxa
doxycycline monohydrate	Avidoxy
doxycycline monohydrate	Monodox
doxycycline monohydrate	Okebo
doxycycline monohydrate	Vibramycin (mono)
doxycycline monohydrate	doxycycline monohydrate

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
Obstetric and Dermatologic Conditions			
H10.82	Rosacea conjunctivitis	Diagnosis	ICD-10-CM
H10.821	Rosacea conjunctivitis, right eye	Diagnosis	ICD-10-CM
H10.822	Rosacea conjunctivitis, left eye	Diagnosis	ICD-10-CM
H10.823	Rosacea conjunctivitis, bilateral	Diagnosis	ICD-10-CM
H10.829	Rosacea conjunctivitis, unspecified eye	Diagnosis	ICD-10-CM
L65.8	Other specified nonscarring hair loss	Diagnosis	ICD-10-CM
L66.0	Pseudopelade	Diagnosis	ICD-10-CM
L66.2	Folliculitis decalvans	Diagnosis	ICD-10-CM
L66.8	Other cicatricial alopecia	Diagnosis	ICD-10-CM
L70.0	Acne vulgaris	Diagnosis	ICD-10-CM
L70.1	Acne conglobata	Diagnosis	ICD-10-CM
L70.2	Acne varioliformis	Diagnosis	ICD-10-CM
L70.3	Acne tropica	Diagnosis	ICD-10-CM
L70.4	Infantile acne	Diagnosis	ICD-10-CM
L70.5	Acne excoriee	Diagnosis	ICD-10-CM
L70.8	Other acne	Diagnosis	ICD-10-CM
L70.9	Acne, unspecified	Diagnosis	ICD-10-CM
L71	Rosacea	Diagnosis	ICD-10-CM
L71.0	Perioral dermatitis	Diagnosis	ICD-10-CM
L71.1	Rhinophyma	Diagnosis	ICD-10-CM
L71.8	Other rosacea	Diagnosis	ICD-10-CM
L71.9	Rosacea, unspecified	Diagnosis	ICD-10-CM
L73	Other follicular disorders	Diagnosis	ICD-10-CM
L73.0	Acne keloid	Diagnosis	ICD-10-CM
L73.1	Pseudofolliculitis barbae	Diagnosis	ICD-10-CM
L73.2	Hidradenitis suppurativa	Diagnosis	ICD-10-CM
L73.8	Other specified follicular disorders	Diagnosis	ICD-10-CM
L73.9	Follicular disorder, unspecified	Diagnosis	ICD-10-CM
N84	Polyp of female genital tract	Diagnosis	ICD-10-CM
N84.0	Polyp of corpus uteri	Diagnosis	ICD-10-CM
N84.1	Polyp of cervix uteri	Diagnosis	ICD-10-CM
N84.8	Polyp of other parts of female genital tract	Diagnosis	ICD-10-CM
N84.9	Polyp of female genital tract, unspecified	Diagnosis	ICD-10-CM
N96	Recurrent pregnancy loss	Diagnosis	ICD-10-CM
O02.1	Missed abortion	Diagnosis	ICD-10-CM
O03	Spontaneous abortion	Diagnosis	ICD-10-CM
O03.4	Incomplete spontaneous abortion without complication	Diagnosis	ICD-10-CM
Z01.812	Encounter for preprocedural laboratory examination	Diagnosis	ICD-10-CM
Z31.430	Encounter of female for testing for genetic disease carrier status for procreative management	Diagnosis	ICD-10-CM
Z31.83	Encounter for assisted reproductive fertility procedure cycle	Diagnosis	ICD-10-CM
Z32.00	Encounter for pregnancy test, result unknown	Diagnosis	ICD-10-CM
Z32.01	Encounter for pregnancy test, result positive	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
Z33.2	Encounter for elective termination of pregnancy	Diagnosis	ICD-10-CM
Z3A.01	Less than 8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.08	8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
0058T	Cryopreservation; reproductive tissue, ovarian	Procedure	CPT-3
0059T	Cryopreservation; oocyte(s)	Procedure	CPT-3
00842	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; amniocentesis	Procedure	CPT-4
00848	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; pelvic exenteration	Procedure	CPT-4
00850	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; cesarean section	Procedure	CPT-4
00851	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; tubal ligation/transection	Procedure	CPT-4
00855	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; cesarean hysterectomy	Procedure	CPT-4
00944	Anesthesia for vaginal procedures (including biopsy of labia, vagina, cervix or endometrium); vaginal hysterectomy	Procedure	CPT-4
00952	Anesthesia for vaginal procedures (including biopsy of labia, vagina, cervix or endometrium); hysteroscopy and/or hysterosalpingography	Procedure	CPT-4
01900	Anesthesia for injection procedure for hysterosalpingography	Procedure	CPT-4
01962	Anesthesia for urgent hysterectomy following delivery	Procedure	CPT-4
01963	Anesthesia for cesarean hysterectomy without any labor analgesia/anesthesia care	Procedure	CPT-4
01969	Anesthesia for cesarean hysterectomy following neuraxial labor analgesia/anesthesia (List separately in addition to code for primary procedure performed)	Procedure	CPT-4
0336T	Laparoscopy, surgical, ablation of uterine fibroid(s), including intraoperative ultrasound guidance and monitoring, radiofrequency	Procedure	CPT-3
0357T	Cryopreservation; immature oocyte(s)	Procedure	CPT-3
0U9900Z	Drainage of Uterus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U990ZZ	Drainage of Uterus, Open Approach	Procedure	ICD-10-PCS
0U9940Z	Drainage of Uterus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U994ZZ	Drainage of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9970Z	Drainage of Uterus with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U997ZZ	Drainage of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9980Z	Drainage of Uterus with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U998ZZ	Drainage of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC90ZZ	Extirpation of Matter from Uterus, Open Approach	Procedure	ICD-10-PCS
0UC93ZZ	Extirpation of Matter from Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UC94ZZ	Extirpation of Matter from Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UJD0ZZ	Inspection of Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
0UJD4ZZ	Inspection of Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UJD8ZZ	Inspection of Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD00Z	Removal of Drainage Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD01Z	Removal of Radioactive Element from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD03Z	Removal of Infusion Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD07Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0DZ	Removal of Intraluminal Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0HZ	Removal of Contraceptive Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0JZ	Removal of Synthetic Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0YZ	Removal of Other Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD30Z	Removal of Drainage Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD31Z	Removal of Radioactive Element from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD33Z	Removal of Infusion Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD37Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3DZ	Removal of Intraluminal Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3HZ	Removal of Contraceptive Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3JZ	Removal of Synthetic Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3YZ	Removal of Other Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD40Z	Removal of Drainage Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD41Z	Removal of Radioactive Element from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD43Z	Removal of Infusion Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD47Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4DZ	Removal of Intraluminal Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4HZ	Removal of Contraceptive Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4JZ	Removal of Synthetic Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4YZ	Removal of Other Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
0UPD71Z	Removal of Radioactive Element from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD77Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD7JZ	Removal of Synthetic Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD7KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD81Z	Removal of Radioactive Element from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD87Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD8JZ	Removal of Synthetic Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD8KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT40ZZ	Resection of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UT44ZZ	Resection of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT47ZZ	Resection of Uterine Supporting Structure, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT48ZZ	Resection of Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT90ZL	Resection of Uterus, Supracervical, Open Approach	Procedure	ICD-10-PCS
0UT90ZZ	Resection of Uterus, Open Approach	Procedure	ICD-10-PCS
0UT94ZL	Resection of Uterus, Supracervical, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT94ZZ	Resection of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT97ZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT97ZZ	Resection of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT98ZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT98ZZ	Resection of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT9FZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT9FZZ	Resection of Uterus, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UTC0ZZ	Resection of Cervix, Open Approach	Procedure	ICD-10-PCS
0UTC4ZZ	Resection of Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UTC7ZZ	Resection of Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UTC8ZZ	Resection of Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD00Z	Revision of Drainage Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD01Z	Revision of Radioactive Element in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD03Z	Revision of Infusion Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD07Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0DZ	Revision of Intraluminal Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0HZ	Revision of Contraceptive Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
0UWD0JZ	Revision of Synthetic Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0YZ	Revision of Other Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD30Z	Revision of Drainage Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD31Z	Revision of Radioactive Element in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD33Z	Revision of Infusion Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD37Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3DZ	Revision of Intraluminal Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3HZ	Revision of Contraceptive Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3JZ	Revision of Synthetic Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3YZ	Revision of Other Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD40Z	Revision of Drainage Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD41Z	Revision of Radioactive Element in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD43Z	Revision of Infusion Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD47Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4DZ	Revision of Intraluminal Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4HZ	Revision of Contraceptive Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4JZ	Revision of Synthetic Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4YZ	Revision of Other Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD70Z	Revision of Drainage Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD71Z	Revision of Radioactive Element in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD73Z	Revision of Infusion Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD77Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7DZ	Revision of Intraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
0UWD7HZ	Revision of Contraceptive Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7JZ	Revision of Synthetic Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7YZ	Revision of Other Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD80Z	Revision of Drainage Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD81Z	Revision of Radioactive Element in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD83Z	Revision of Infusion Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD87Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8DZ	Revision of Intraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8HZ	Revision of Contraceptive Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8JZ	Revision of Synthetic Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8YZ	Revision of Other Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10A00ZZ	Abortion of Products of Conception, Open Approach	Procedure	ICD-10-PCS
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
45126	Pelvic exenteration for colorectal malignancy, with proctectomy (with or without colostomy), with removal of bladder and ureteral transplantations, and/or hysterectomy, or cervicectomy, with or without removal of tube(s), with or without removal of ovary(s), or any combination thereof	Procedure	CPT-4
49220	Staging laparotomy for Hodgkins disease or lymphoma (includes splenectomy, needle or open biopsies of both liver lobes, possibly also removal of abdominal nodes, abdominal node and/or bone marrow biopsies, ovarian repositioning)	Procedure	CPT-4
49322	Laparoscopy, surgical; with aspiration of cavity or cyst (eg, ovarian cyst) (single or multiple)	Procedure	CPT-4
50722	Ureterolysis for ovarian vein syndrome	Procedure	CPT-4
51597	Pelvic exenteration, complete, for vesical, prostatic or urethral malignancy, with removal of bladder and ureteral transplantations, with or without hysterectomy and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	Procedure	CPT-4
51925	Closure of vesicouterine fistula; with hysterectomy	Procedure	CPT-4
56350	HYSTEROSCOPY DX (SEPART PROC)	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
56351	HYSTEROSCOPY SURG; W/SAMPL ENDOMETRIUM W/VO D&C	Procedure	CPT-4
56352	HYSTEROSCOPY SURG; W/LYSIS INTRAUTERINE ADHESION	Procedure	CPT-4
56353	HYSTEROSCOPY SURG; W/DIVIS/RESECT SEPTUM	Procedure	CPT-4
56354	HYSTEROSCOPY SURG; W/REMOV LEIOMYOMATA	Procedure	CPT-4
56355	HYSTEROSCOPY SURG; W/REMOV IMPACTED F B	Procedure	CPT-4
56356	HYSTEROSCOPY SURG; W/ENDOMETRIAL ABLATION	Procedure	CPT-4
56399	UNLISTED PROC-LAP/HYSTEROSCOPY	Procedure	CPT-4
57425	Laparoscopy, surgical, colpopexy (suspension of vaginal apex)	Procedure	CPT-4
58150	Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s);	Procedure	CPT-4
58152	Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s); with colpo-urethrocystopexy (eg, Marshall-Marchetti-Krantz, Burch)	Procedure	CPT-4
58180	Supracervical abdominal hysterectomy (subtotal hysterectomy), with or without removal of tube(s), with or without removal of ovary(s)	Procedure	CPT-4
58200	Total abdominal hysterectomy, including partial vaginectomy, with para-aortic and pelvic lymph node sampling, with or without removal of tube(s), with or without removal of ovary(s)	Procedure	CPT-4
58205	Total Hysterectomy, Extended, Corpus Cancer, Including Partial	Procedure	CPT-4
58210	Radical abdominal hysterectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy), with or without removal of tube(s), with or without removal of ovary(s)	Procedure	CPT-4
58240	Pelvic exenteration for gynecologic malignancy, with total abdominal hysterectomy or cervicectomy, with or without removal of tube(s), with or without removal of ovary(s), with removal of bladder and ureteral transplantations, and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	Procedure	CPT-4
58260	Vaginal hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58262	Vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s), and/or ovary(s)	Procedure	CPT-4
58263	Vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s), and/or ovary(s), with repair of enterocele	Procedure	CPT-4
58265	Vaginal Hysterectomy With Plastic Repair Of Vagina, Anterior	Procedure	CPT-4
58267	Vaginal hysterectomy, for uterus 250 g or less; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control	Procedure	CPT-4
58270	Vaginal hysterectomy, for uterus 250 g or less; with repair of enterocele	Procedure	CPT-4
58275	Vaginal hysterectomy, with total or partial vaginectomy;	Procedure	CPT-4
58280	Vaginal hysterectomy, with total or partial vaginectomy; with repair of enterocele	Procedure	CPT-4
58285	Vaginal hysterectomy, radical (Schauta type operation)	Procedure	CPT-4
58290	Vaginal hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58291	Vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
58292	Vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s), with repair of enterocele	Procedure	CPT-4
58293	Vaginal hysterectomy, for uterus greater than 250 g; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control	Procedure	CPT-4
58294	Vaginal hysterectomy, for uterus greater than 250 g; with repair of enterocele	Procedure	CPT-4
58321	Artificial insemination; intra-cervical	Procedure	CPT-4
58322	Artificial insemination; intra-uterine	Procedure	CPT-4
58340	Catheterization and introduction of saline or contrast material for saline infusion sonohysterography (SIS) or hysterosalpingography	Procedure	CPT-4
58345	Transcervical introduction of fallopian tube catheter for diagnosis and/or re-establishing patency (any method), with or without hysterosalpingography	Procedure	CPT-4
58350	Chromotubation of oviduct, including materials	Procedure	CPT-4
58353	Endometrial ablation, thermal, without hysteroscopic guidance	Procedure	CPT-4
58520	Hysterorrhaphy, repair of ruptured uterus (nonobstetrical)	Procedure	CPT-4
58540	Hysteroplasty, repair of uterine anomaly (Strassman type)	Procedure	CPT-4
58541	Laparoscopy, surgical, supracervical hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58542	Laparoscopy, surgical, supracervical hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58543	Laparoscopy, surgical, supracervical hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58544	Laparoscopy, surgical, supracervical hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58545	Laparoscopy, surgical, myomectomy, excision; 1 to 4 intramural myomas with total weight of 250 g or less and/or removal of surface myomas	Procedure	CPT-4
58546	Laparoscopy, surgical, myomectomy, excision; 5 or more intramural myomas and/or intramural myomas with total weight greater than 250 g	Procedure	CPT-4
58548	Laparoscopy, surgical, with radical hysterectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy), with removal of tube(s) and ovary(s), if performed	Procedure	CPT-4
58550	Laparoscopy, surgical, with vaginal hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58551	Laparoscopy, surgical; with removal of leiomyomata (single or multiple)	Procedure	CPT-4
58552	Laparoscopy, surgical, with vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58553	Laparoscopy, surgical, with vaginal hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58554	Laparoscopy, surgical, with vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58555	Hysteroscopy, diagnostic (separate procedure)	Procedure	CPT-4
58558	Hysteroscopy, surgical; with sampling (biopsy) of endometrium and/or polypectomy, with or without D & C	Procedure	CPT-4
58559	Hysteroscopy, surgical; with lysis of intrauterine adhesions (any method)	Procedure	CPT-4
58560	Hysteroscopy, surgical; with division or resection of intrauterine septum (any method)	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
58561	Hysteroscopy, surgical; with removal of leiomyomata	Procedure	CPT-4
58562	Hysteroscopy, surgical; with removal of impacted foreign body	Procedure	CPT-4
58563	Hysteroscopy, surgical; with endometrial ablation (eg, endometrial resection, electrosurgical ablation, thermoablation)	Procedure	CPT-4
58565	Hysteroscopy, surgical; with bilateral fallopian tube cannulation to induce occlusion by placement of permanent implants	Procedure	CPT-4
58570	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58571	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58572	Laparoscopy, surgical, with total hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58573	Laparoscopy, surgical, with total hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58575	Laparoscopy, surgical, total hysterectomy for resection of malignancy (tumor debulking), with omentectomy including salpingo-oophorectomy, unilateral or bilateral, when performed	Procedure	CPT-4
58578	Unlisted laparoscopy procedure, uterus	Procedure	CPT-4
58579	Unlisted hysteroscopy procedure, uterus	Procedure	CPT-4
58600	Ligation or transection of fallopian tube(s), abdominal or vaginal approach, unilateral or bilateral	Procedure	CPT-4
58605	Ligation or transection of fallopian tube(s), abdominal or vaginal approach, postpartum, unilateral or bilateral, during same hospitalization (separate procedure)	Procedure	CPT-4
58611	Ligation or transection of fallopian tube(s) when done at the time of cesarean delivery or intra-abdominal surgery (not a separate procedure) (List separately in addition to code for primary procedure)	Procedure	CPT-4
58615	Occlusion of fallopian tube(s) by device (eg, band, clip, Falope ring) vaginal or suprapubic approach	Procedure	CPT-4
58660	Laparoscopy, surgical; with lysis of adhesions (salpingolysis, ovariolysis) (separate procedure)	Procedure	CPT-4
58661	Laparoscopy, surgical; with removal of adnexal structures (partial or total oophorectomy and/or salpingectomy)	Procedure	CPT-4
58662	Laparoscopy, surgical; with fulguration or excision of lesions of the ovary, pelvic viscera, or peritoneal surface by any method	Procedure	CPT-4
58670	Laparoscopy, surgical; with fulguration of oviducts (with or without transection)	Procedure	CPT-4
58671	Laparoscopy, surgical; with occlusion of oviducts by device (eg, band, clip, or Falope ring)	Procedure	CPT-4
58672	Laparoscopy, surgical; with fimbrioplasty	Procedure	CPT-4
58673	Laparoscopy, surgical; with salpingostomy (salpingoneostomy)	Procedure	CPT-4
58674	Laparoscopy, surgical, ablation of uterine fibroid(s) including intraoperative ultrasound guidance and monitoring, radiofrequency	Procedure	CPT-4
58679	Unlisted laparoscopy procedure, oviduct, ovary	Procedure	CPT-4
58700	Salpingectomy, complete or partial, unilateral or bilateral (separate procedure)	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
58720	Salpingo-oophorectomy, complete or partial, unilateral or bilateral (separate procedure)	Procedure	CPT-4
58740	Lysis of adhesions (salpingolysis, ovariolysis)	Procedure	CPT-4
58750	Tubotubal anastomosis	Procedure	CPT-4
58752	Tubouterine implantation	Procedure	CPT-4
58760	Fimbrioplasty	Procedure	CPT-4
58770	Salpingostomy (salpingoneostomy)	Procedure	CPT-4
58800	Drainage of ovarian cyst(s), unilateral or bilateral (separate procedure); vaginal approach	Procedure	CPT-4
58805	Drainage of ovarian cyst(s), unilateral or bilateral (separate procedure); abdominal approach	Procedure	CPT-4
58820	Drainage of ovarian abscess; vaginal approach, open	Procedure	CPT-4
58822	Drainage of ovarian abscess; abdominal approach	Procedure	CPT-4
58823	Drainage of pelvic abscess, transvaginal or transrectal approach, percutaneous (eg, ovarian, pericolic)	Procedure	CPT-4
58825	Transposition, ovary(s)	Procedure	CPT-4
58900	Biopsy of ovary, unilateral or bilateral (separate procedure)	Procedure	CPT-4
58920	Wedge resection or bisection of ovary, unilateral or bilateral	Procedure	CPT-4
58925	Ovarian cystectomy, unilateral or bilateral	Procedure	CPT-4
58940	Oophorectomy, partial or total, unilateral or bilateral;	Procedure	CPT-4
58943	Oophorectomy, partial or total, unilateral or bilateral; for ovarian, tubal or primary peritoneal malignancy, with para-aortic and pelvic lymph node biopsies, peritoneal washings, peritoneal biopsies, diaphragmatic assessments, with or without salpingectomy(s), with or without omentectomy	Procedure	CPT-4
58950	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy;	Procedure	CPT-4
58951	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy; with total abdominal hysterectomy, pelvic and limited para-aortic lymphadenectomy	Procedure	CPT-4
58952	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy; with radical dissection for debulking (ie, radical excision or destruction, intra-abdominal or retroperitoneal tumors)	Procedure	CPT-4
58953	Bilateral salpingo-oophorectomy with omentectomy, total abdominal hysterectomy and radical dissection for debulking;	Procedure	CPT-4
58954	Bilateral salpingo-oophorectomy with omentectomy, total abdominal hysterectomy and radical dissection for debulking; with pelvic lymphadenectomy and limited para-aortic lymphadenectomy	Procedure	CPT-4
58956	Bilateral salpingo-oophorectomy with total omentectomy, total abdominal hysterectomy for malignancy	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
58957	Resection (tumor debulking) of recurrent ovarian, tubal, primary peritoneal, uterine malignancy (intra-abdominal, retroperitoneal tumors), with omentectomy, if performed;	Procedure	CPT-4
58958	Resection (tumor debulking) of recurrent ovarian, tubal, primary peritoneal, uterine malignancy (intra-abdominal, retroperitoneal tumors), with omentectomy, if performed; with pelvic lymphadenectomy and limited para-aortic lymphadenectomy	Procedure	CPT-4
58960	Laparotomy, for staging or restaging of ovarian, tubal, or primary peritoneal malignancy (second look), with or without omentectomy, peritoneal washing, biopsy of abdominal and pelvic peritoneum, diaphragmatic assessment with pelvic and limited para-aortic lymphadenectomy	Procedure	CPT-4
58970	Follicle puncture for oocyte retrieval, any method	Procedure	CPT-4
58972	CULTURE & FERTILIZATION OOCYTE	Procedure	CPT-4
58974	Embryo transfer, intrauterine	Procedure	CPT-4
58976	Gamete, zygote, or embryo intrafallopian transfer, any method	Procedure	CPT-4
58982	Laparoscopy, Surgical; With Fulguration Of Oviducts (with Or Without Transection)	Procedure	CPT-4
58983	Laparoscopy, Surgical; With Occlusion Of Oviducts By Device (eg, Band, Clip, Or Falope Ring)	Procedure	CPT-4
58984	Laparoscopy, Surgical; With Fulguration Or Excision Of Lesions Of The Ovary, Pelvic Viscera, Or Peritoneal Surface By Any Method	Procedure	CPT-4
58985	Laparoscopy, Surgical; With Lysis Of Adhesions	Procedure	CPT-4
58986	Laparoscopy, Surgical; With Biopsy (single Or Multiple)	Procedure	CPT-4
58987	Laparoscopy, Surgical; With Aspiration (single Or Multiple)	Procedure	CPT-4
58988	Laparoscopy, Surgical; With Removal Of Adnexal Structures (partial Or Total Oophorectomy And/or Salpingectomy)	Procedure	CPT-4
58990	Hysteroscopy; Diagnostic	Procedure	CPT-4
58992	Hysteroscopy; With Lysis Of Intrauterine Adhesions Or Resection Of Intrauterine Septum (any Method)	Procedure	CPT-4
58994	Hysteroscopy; With Removal Of Submucous Leiomyomata (any Method)	Procedure	CPT-4
58995	Hysteroscopy	Procedure	CPT-4
58996	Hysteroscopy; With Endometrial Ablation (any Method)	Procedure	CPT-4
59100	Hysterotomy, abdominal (eg, for hydatidiform mole, abortion)	Procedure	CPT-4
59101	Hysterotomy, Abdominal, For Removal Of Hydatidiform Mole	Procedure	CPT-4
59105	Hysterotomy, Abdominal, For Legal Abortion	Procedure	CPT-4
59106	Hysterotomy, Abdominal, For Legal Abortion	Procedure	CPT-4
59120	Surgical treatment of ectopic pregnancy; tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	Procedure	CPT-4
59121	Surgical treatment of ectopic pregnancy; tubal or ovarian, without salpingectomy and/or oophorectomy	Procedure	CPT-4
59130	Surgical treatment of ectopic pregnancy; abdominal pregnancy	Procedure	CPT-4
59135	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
59136	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy with partial resection of uterus	Procedure	CPT-4
59140	Surgical treatment of ectopic pregnancy; cervical, with evacuation	Procedure	CPT-4
59150	Laparoscopic treatment of ectopic pregnancy; without salpingectomy and/or oophorectomy	Procedure	CPT-4
59151	Laparoscopic treatment of ectopic pregnancy; with salpingectomy and/or oophorectomy	Procedure	CPT-4
59350	Hysterorrhaphy of ruptured uterus	Procedure	CPT-4
59351	Hysterorrhaphy Of Ruptured Uterus	Procedure	CPT-4
59525	Subtotal or total hysterectomy after cesarean delivery (List separately in addition to code for primary procedure)	Procedure	CPT-4
59560	Cesarean Section With Hysterectomy, Subtotal, Including	Procedure	CPT-4
59561	Cesarean Section With Hysterectomy, Subtotal, Including	Procedure	CPT-4
59580	Cesarean Section With Hysterectomy, Total, Including	Procedure	CPT-4
59581	Cesarean Section With Hysterectomy, Total, Including	Procedure	CPT-4
59852	Induced abortion, by 1 or more intra-amniotic injections (amniocentesis-injections), including hospital admission and visits, delivery of fetus and secundines; with hysterotomy (failed intra-amniotic injection)	Procedure	CPT-4
59857	Induced abortion, by 1 or more vaginal suppositories (eg, prostaglandin) with or without cervical dilation (eg, laminaria), including hospital admission and visits, delivery of fetus and secundines; with hysterotomy (failed medical evacuation)	Procedure	CPT-4
59898	Unlisted laparoscopy procedure, maternity care and delivery	Procedure	CPT-4
74740	Hysterosalpingography, radiological supervision and interpretation	Procedure	CPT-4
74741	Hysterosalpingography; Complete Procedure	Procedure	CPT-4
76831	Saline infusion sonohysterography (SIS), including color flow Doppler, when performed	Procedure	CPT-4
89250	Culture of oocyte(s)/embryo(s), less than 4 days;	Procedure	CPT-4
89251	Culture of oocyte(s)/embryo(s), less than 4 days; with co-culture of oocyte(s)/embryos	Procedure	CPT-4
89252	Assisted oocyte fertilization, microtechnique (any method)	Procedure	CPT-4
89253	Assisted embryo hatching, microtechniques (any method)	Procedure	CPT-4
89254	Oocyte identification from follicular fluid	Procedure	CPT-4
89255	Preparation of embryo for transfer (any method)	Procedure	CPT-4
89268	Insemination of oocytes	Procedure	CPT-4
89272	Extended culture of oocyte(s)/embryo(s), 4-7 days	Procedure	CPT-4
89280	Assisted oocyte fertilization, microtechnique; less than or equal to 10 oocytes	Procedure	CPT-4
89281	Assisted oocyte fertilization, microtechnique; greater than 10 oocytes	Procedure	CPT-4
89290	Biopsy, oocyte polar body or embryo blastomere, microtechnique (for pre-implantation genetic diagnosis); less than or equal to 5 embryos	Procedure	CPT-4
89291	Biopsy, oocyte polar body or embryo blastomere, microtechnique (for pre-implantation genetic diagnosis); greater than 5 embryos	Procedure	CPT-4
BU02YZZ	Plain Radiography of Bilateral Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
BU06OZZ	Plain Radiography of Uterus using High Osmolar Contrast	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
BU061ZZ	Plain Radiography of Uterus using Low Osmolar Contrast	Procedure	ICD-10-PCS
BU06YZZ	Plain Radiography of Uterus using Other Contrast	Procedure	ICD-10-PCS
BU08YZZ	Plain Radiography of Uterus and Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
BU12YZZ	Fluoroscopy of Bilateral Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
BU160ZZ	Fluoroscopy of Uterus using High Osmolar Contrast	Procedure	ICD-10-PCS
BU161ZZ	Fluoroscopy of Uterus using Low Osmolar Contrast	Procedure	ICD-10-PCS
BU16YZZ	Fluoroscopy of Uterus using Other Contrast	Procedure	ICD-10-PCS
BU16ZZZ	Fluoroscopy of Uterus	Procedure	ICD-10-PCS
BU18YZZ	Fluoroscopy of Uterus and Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
G0331	PET imaging restaging ovarian	Procedure	HCPCS
G9823	Endometrial sampling or hysteroscopy with biopsy and results documented	Procedure	HCPCS
G9824	Endometrial sampling or hysteroscopy with biopsy and results not documented	Procedure	HCPCS
S2078	Laparoscopic supracervical hysterectomy (subtotal hysterectomy), with or without removal of tube(s), with or without removal of ovary(s)	Procedure	HCPCS
S2255	Hysteroscopy, surgical; with occlusion of oviducts bilaterally by micro-inserts for permanent sterilization	Procedure	HCPCS
S4011	In vitro fertilization; including but not limited to identification and incubation of mature oocytes, fertilization with sperm, incubation of embryo(s), and subsequent visualization for determination of development	Procedure	HCPCS
S4013	Complete cycle, gamete intrafallopian transfer (GIFT), case rate	Procedure	HCPCS
S4014	Complete cycle, zygote intrafallopian transfer (ZIFT), case rate	Procedure	HCPCS
S4015	Complete in vitro fertilization cycle, not otherwise specified, case rate	Procedure	HCPCS
S4016	Frozen in vitro fertilization cycle, case rate	Procedure	HCPCS
S4022	Assisted oocyte fertilization, case rate	Procedure	HCPCS
S4023	Donor egg cycle, incomplete, case rate	Procedure	HCPCS
S4025	Donor services for in vitro fertilization (sperm or embryo), case rate	Procedure	HCPCS
S4035	Stimulated intrauterine insemination (IUI), case rate	Procedure	HCPCS
S4037	Cryopreserved embryo transfer, case rate	Procedure	HCPCS
S4040	Monitoring and storage of cryopreserved embryos, per 30 days	Procedure	HCPCS

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Arthropod Encounter			
S00.06	Insect bite (nonvenomous) of scalp	Diagnosis	ICD-10-CM
S00.06XA	Insect bite (nonvenomous) of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.06XD	Insect bite (nonvenomous) of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.06XS	Insect bite (nonvenomous) of scalp, sequela	Diagnosis	ICD-10-CM
S00.26	Insect bite (nonvenomous) of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.261	Insect bite (nonvenomous) of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.261A	Insect bite (nonvenomous) of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.261D	Insect bite (nonvenomous) of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.261S	Insect bite (nonvenomous) of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.262	Insect bite (nonvenomous) of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.262A	Insect bite (nonvenomous) of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.262D	Insect bite (nonvenomous) of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.262S	Insect bite (nonvenomous) of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.269	Insect bite (nonvenomous) of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.269A	Insect bite (nonvenomous) of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.269D	Insect bite (nonvenomous) of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.269S	Insect bite (nonvenomous) of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.36	Insect bite (nonvenomous) of nose	Diagnosis	ICD-10-CM
S00.36XA	Insect bite (nonvenomous) of nose, initial encounter	Diagnosis	ICD-10-CM
S00.36XD	Insect bite (nonvenomous) of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.36XS	Insect bite (nonvenomous) of nose, sequela	Diagnosis	ICD-10-CM
S00.46	Insect bite (nonvenomous) of ear	Diagnosis	ICD-10-CM
S00.461	Insect bite (nonvenomous) of right ear	Diagnosis	ICD-10-CM
S00.461A	Insect bite (nonvenomous) of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.461D	Insect bite (nonvenomous) of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.461S	Insect bite (nonvenomous) of right ear, sequela	Diagnosis	ICD-10-CM
S00.462	Insect bite (nonvenomous) of left ear	Diagnosis	ICD-10-CM
S00.462A	Insect bite (nonvenomous) of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.462D	Insect bite (nonvenomous) of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.462S	Insect bite (nonvenomous) of left ear, sequela	Diagnosis	ICD-10-CM
S00.469	Insect bite (nonvenomous) of unspecified ear	Diagnosis	ICD-10-CM
S00.469A	Insect bite (nonvenomous) of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.469D	Insect bite (nonvenomous) of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.469S	Insect bite (nonvenomous) of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.56	Insect bite (nonvenomous) of lip and oral cavity	Diagnosis	ICD-10-CM
S00.561	Insect bite (nonvenomous) of lip	Diagnosis	ICD-10-CM
S00.561A	Insect bite (nonvenomous) of lip, initial encounter	Diagnosis	ICD-10-CM
S00.561D	Insect bite (nonvenomous) of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.561S	Insect bite (nonvenomous) of lip, sequela	Diagnosis	ICD-10-CM
S00.562	Insect bite (nonvenomous) of oral cavity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.562A	Insect bite (nonvenomous) of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.562D	Insect bite (nonvenomous) of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.562S	Insect bite (nonvenomous) of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.86	Insect bite (nonvenomous) of other part of head	Diagnosis	ICD-10-CM
S00.86XA	Insect bite (nonvenomous) of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.86XD	Insect bite (nonvenomous) of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.86XS	Insect bite (nonvenomous) of other part of head, sequela	Diagnosis	ICD-10-CM
S00.96	Insect bite (nonvenomous) of unspecified part of head	Diagnosis	ICD-10-CM
S00.96XA	Insect bite (nonvenomous) of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.96XD	Insect bite (nonvenomous) of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.96XS	Insect bite (nonvenomous) of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S10.16	Insect bite (nonvenomous) of throat	Diagnosis	ICD-10-CM
S10.16XA	Insect bite (nonvenomous) of throat, initial encounter	Diagnosis	ICD-10-CM
S10.16XD	Insect bite (nonvenomous) of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.16XS	Insect bite (nonvenomous) of throat, sequela	Diagnosis	ICD-10-CM
S10.86	Insect bite of other specified part of neck	Diagnosis	ICD-10-CM
S10.86XA	Insect bite of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.86XD	Insect bite of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.86XS	Insect bite of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.96	Insect bite of unspecified part of neck	Diagnosis	ICD-10-CM
S10.96XA	Insect bite of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.96XD	Insect bite of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.96XS	Insect bite of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S20.16	Insect bite (nonvenomous) of breast	Diagnosis	ICD-10-CM
S20.161	Insect bite (nonvenomous) of breast, right breast	Diagnosis	ICD-10-CM
S20.161A	Insect bite (nonvenomous) of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.161D	Insect bite (nonvenomous) of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.161S	Insect bite (nonvenomous) of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.162	Insect bite (nonvenomous) of breast, left breast	Diagnosis	ICD-10-CM
S20.162A	Insect bite (nonvenomous) of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.162D	Insect bite (nonvenomous) of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.162S	Insect bite (nonvenomous) of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.169	Insect bite (nonvenomous) of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.169A	Insect bite (nonvenomous) of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.169D	Insect bite (nonvenomous) of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.169S	Insect bite (nonvenomous) of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.36	Insect bite (nonvenomous) of front wall of thorax	Diagnosis	ICD-10-CM
S20.361	Insect bite (nonvenomous) of right front wall of thorax	Diagnosis	ICD-10-CM
S20.361A	Insect bite (nonvenomous) of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.361D	Insect bite (nonvenomous) of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.361S	Insect bite (nonvenomous) of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.362	Insect bite (nonvenomous) of left front wall of thorax	Diagnosis	ICD-10-CM
S20.362A	Insect bite (nonvenomous) of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.362D	Insect bite (nonvenomous) of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.362S	Insect bite (nonvenomous) of left front wall of thorax, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S20.369	Insect bite (nonvenomous) of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.369A	Insect bite (nonvenomous) of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.369D	Insect bite (nonvenomous) of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.369S	Insect bite (nonvenomous) of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.46	Insect bite (nonvenomous) of back wall of thorax	Diagnosis	ICD-10-CM
S20.461	Insect bite (nonvenomous) of right back wall of thorax	Diagnosis	ICD-10-CM
S20.461A	Insect bite (nonvenomous) of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.461D	Insect bite (nonvenomous) of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.461S	Insect bite (nonvenomous) of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.462	Insect bite (nonvenomous) of left back wall of thorax	Diagnosis	ICD-10-CM
S20.462A	Insect bite (nonvenomous) of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.462D	Insect bite (nonvenomous) of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.462S	Insect bite (nonvenomous) of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.469	Insect bite (nonvenomous) of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.469A	Insect bite (nonvenomous) of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.469D	Insect bite (nonvenomous) of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.469S	Insect bite (nonvenomous) of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.96	Insect bite (nonvenomous) of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.96XA	Insect bite (nonvenomous) of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.96XD	Insect bite (nonvenomous) of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.96XS	Insect bite (nonvenomous) of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S30.86	Insect bite (nonvenomous) of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.860	Insect bite (nonvenomous) of lower back and pelvis	Diagnosis	ICD-10-CM
S30.860A	Insect bite (nonvenomous) of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.860D	Insect bite (nonvenomous) of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.860S	Insect bite (nonvenomous) of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.861	Insect bite (nonvenomous) of abdominal wall	Diagnosis	ICD-10-CM
S30.861A	Insect bite (nonvenomous) of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.861D	Insect bite (nonvenomous) of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.861S	Insect bite (nonvenomous) of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.862	Insect bite (nonvenomous) of penis	Diagnosis	ICD-10-CM
S30.862A	Insect bite (nonvenomous) of penis, initial encounter	Diagnosis	ICD-10-CM
S30.862D	Insect bite (nonvenomous) of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.862S	Insect bite (nonvenomous) of penis, sequela	Diagnosis	ICD-10-CM
S30.863	Insect bite (nonvenomous) of scrotum and testes	Diagnosis	ICD-10-CM
S30.863A	Insect bite (nonvenomous) of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.863D	Insect bite (nonvenomous) of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.863S	Insect bite (nonvenomous) of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.864	Insect bite (nonvenomous) of vagina and vulva	Diagnosis	ICD-10-CM
S30.864A	Insect bite (nonvenomous) of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.864D	Insect bite (nonvenomous) of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.864S	Insect bite (nonvenomous) of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.865	Insect bite (nonvenomous) of unspecified external genital organs, male	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S30.865A	Insect bite (nonvenomous) of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.865D	Insect bite (nonvenomous) of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.865S	Insect bite (nonvenomous) of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.866	Insect bite (nonvenomous) of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.866A	Insect bite (nonvenomous) of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.866D	Insect bite (nonvenomous) of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.866S	Insect bite (nonvenomous) of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.867	Insect bite (nonvenomous) of anus	Diagnosis	ICD-10-CM
S30.867A	Insect bite (nonvenomous) of anus, initial encounter	Diagnosis	ICD-10-CM
S30.867D	Insect bite (nonvenomous) of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.867S	Insect bite (nonvenomous) of anus, sequela	Diagnosis	ICD-10-CM
S40.26	Insect bite (nonvenomous) of shoulder	Diagnosis	ICD-10-CM
S40.261	Insect bite (nonvenomous) of right shoulder	Diagnosis	ICD-10-CM
S40.261A	Insect bite (nonvenomous) of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.261D	Insect bite (nonvenomous) of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.261S	Insect bite (nonvenomous) of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.262	Insect bite (nonvenomous) of left shoulder	Diagnosis	ICD-10-CM
S40.262A	Insect bite (nonvenomous) of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.262D	Insect bite (nonvenomous) of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.262S	Insect bite (nonvenomous) of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.269	Insect bite (nonvenomous) of unspecified shoulder	Diagnosis	ICD-10-CM
S40.269A	Insect bite (nonvenomous) of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.269D	Insect bite (nonvenomous) of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.269S	Insect bite (nonvenomous) of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.86	Insect bite (nonvenomous) of upper arm	Diagnosis	ICD-10-CM
S40.861	Insect bite (nonvenomous) of right upper arm	Diagnosis	ICD-10-CM
S40.861A	Insect bite (nonvenomous) of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.861D	Insect bite (nonvenomous) of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.861S	Insect bite (nonvenomous) of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.862	Insect bite (nonvenomous) of left upper arm	Diagnosis	ICD-10-CM
S40.862A	Insect bite (nonvenomous) of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.862D	Insect bite (nonvenomous) of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.862S	Insect bite (nonvenomous) of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.869	Insect bite (nonvenomous) of unspecified upper arm	Diagnosis	ICD-10-CM
S40.869A	Insect bite (nonvenomous) of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.869D	Insect bite (nonvenomous) of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.869S	Insect bite (nonvenomous) of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S50.36	Insect bite (nonvenomous) of elbow	Diagnosis	ICD-10-CM
S50.361	Insect bite (nonvenomous) of right elbow	Diagnosis	ICD-10-CM
S50.361A	Insect bite (nonvenomous) of right elbow, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S50.361D	Insect bite (nonvenomous) of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.361S	Insect bite (nonvenomous) of right elbow, sequela	Diagnosis	ICD-10-CM
S50.362	Insect bite (nonvenomous) of left elbow	Diagnosis	ICD-10-CM
S50.362A	Insect bite (nonvenomous) of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.362D	Insect bite (nonvenomous) of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.362S	Insect bite (nonvenomous) of left elbow, sequela	Diagnosis	ICD-10-CM
S50.369	Insect bite (nonvenomous) of unspecified elbow	Diagnosis	ICD-10-CM
S50.369A	Insect bite (nonvenomous) of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.369D	Insect bite (nonvenomous) of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.369S	Insect bite (nonvenomous) of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.86	Insect bite (nonvenomous) of forearm	Diagnosis	ICD-10-CM
S50.861	Insect bite (nonvenomous) of right forearm	Diagnosis	ICD-10-CM
S50.861A	Insect bite (nonvenomous) of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.861D	Insect bite (nonvenomous) of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.861S	Insect bite (nonvenomous) of right forearm, sequela	Diagnosis	ICD-10-CM
S50.862	Insect bite (nonvenomous) of left forearm	Diagnosis	ICD-10-CM
S50.862A	Insect bite (nonvenomous) of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.862D	Insect bite (nonvenomous) of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.862S	Insect bite (nonvenomous) of left forearm, sequela	Diagnosis	ICD-10-CM
S50.869	Insect bite (nonvenomous) of unspecified forearm	Diagnosis	ICD-10-CM
S50.869A	Insect bite (nonvenomous) of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.869D	Insect bite (nonvenomous) of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.869S	Insect bite (nonvenomous) of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S60.36	Insect bite (nonvenomous) of thumb	Diagnosis	ICD-10-CM
S60.361	Insect bite (nonvenomous) of right thumb	Diagnosis	ICD-10-CM
S60.361A	Insect bite (nonvenomous) of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.361D	Insect bite (nonvenomous) of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.361S	Insect bite (nonvenomous) of right thumb, sequela	Diagnosis	ICD-10-CM
S60.362	Insect bite (nonvenomous) of left thumb	Diagnosis	ICD-10-CM
S60.362A	Insect bite (nonvenomous) of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.362D	Insect bite (nonvenomous) of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.362S	Insect bite (nonvenomous) of left thumb, sequela	Diagnosis	ICD-10-CM
S60.369	Insect bite (nonvenomous) of unspecified thumb	Diagnosis	ICD-10-CM
S60.369A	Insect bite (nonvenomous) of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.369D	Insect bite (nonvenomous) of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.369S	Insect bite (nonvenomous) of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.46	Insect bite (nonvenomous) of fingers	Diagnosis	ICD-10-CM
S60.460	Insect bite (nonvenomous) of right index finger	Diagnosis	ICD-10-CM
S60.460A	Insect bite (nonvenomous) of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.460D	Insect bite (nonvenomous) of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.460S	Insect bite (nonvenomous) of right index finger, sequela	Diagnosis	ICD-10-CM
S60.461	Insect bite (nonvenomous) of left index finger	Diagnosis	ICD-10-CM
S60.461A	Insect bite (nonvenomous) of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.461D	Insect bite (nonvenomous) of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.461S	Insect bite (nonvenomous) of left index finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.462	Insect bite (nonvenomous) of right middle finger	Diagnosis	ICD-10-CM
S60.462A	Insect bite (nonvenomous) of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.462D	Insect bite (nonvenomous) of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.462S	Insect bite (nonvenomous) of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.463	Insect bite (nonvenomous) of left middle finger	Diagnosis	ICD-10-CM
S60.463A	Insect bite (nonvenomous) of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.463D	Insect bite (nonvenomous) of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.463S	Insect bite (nonvenomous) of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.464	Insect bite (nonvenomous) of right ring finger	Diagnosis	ICD-10-CM
S60.464A	Insect bite (nonvenomous) of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.464D	Insect bite (nonvenomous) of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.464S	Insect bite (nonvenomous) of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.465	Insect bite (nonvenomous) of left ring finger	Diagnosis	ICD-10-CM
S60.465A	Insect bite (nonvenomous) of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.465D	Insect bite (nonvenomous) of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.465S	Insect bite (nonvenomous) of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.466	Insect bite (nonvenomous) of right little finger	Diagnosis	ICD-10-CM
S60.466A	Insect bite (nonvenomous) of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.466D	Insect bite (nonvenomous) of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.466S	Insect bite (nonvenomous) of right little finger, sequela	Diagnosis	ICD-10-CM
S60.467	Insect bite (nonvenomous) of left little finger	Diagnosis	ICD-10-CM
S60.467A	Insect bite (nonvenomous) of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.467D	Insect bite (nonvenomous) of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.467S	Insect bite (nonvenomous) of left little finger, sequela	Diagnosis	ICD-10-CM
S60.468	Insect bite (nonvenomous) of other finger	Diagnosis	ICD-10-CM
S60.468A	Insect bite (nonvenomous) of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.468D	Insect bite (nonvenomous) of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.468S	Insect bite (nonvenomous) of other finger, sequela	Diagnosis	ICD-10-CM
S60.469	Insect bite (nonvenomous) of unspecified finger	Diagnosis	ICD-10-CM
S60.469A	Insect bite (nonvenomous) of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.469D	Insect bite (nonvenomous) of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.469S	Insect bite (nonvenomous) of unspecified finger, sequela	Diagnosis	ICD-10-CM
S60.56	Insect bite (nonvenomous) of hand	Diagnosis	ICD-10-CM
S60.561	Insect bite (nonvenomous) of right hand	Diagnosis	ICD-10-CM
S60.561A	Insect bite (nonvenomous) of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.561D	Insect bite (nonvenomous) of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.561S	Insect bite (nonvenomous) of right hand, sequela	Diagnosis	ICD-10-CM
S60.562	Insect bite (nonvenomous) of left hand	Diagnosis	ICD-10-CM
S60.562A	Insect bite (nonvenomous) of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.562D	Insect bite (nonvenomous) of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.562S	Insect bite (nonvenomous) of left hand, sequela	Diagnosis	ICD-10-CM
S60.569	Insect bite (nonvenomous) of unspecified hand	Diagnosis	ICD-10-CM
S60.569A	Insect bite (nonvenomous) of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.569D	Insect bite (nonvenomous) of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.569S	Insect bite (nonvenomous) of unspecified hand, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.86	Insect bite (nonvenomous) of wrist	Diagnosis	ICD-10-CM
S60.861	Insect bite (nonvenomous) of right wrist	Diagnosis	ICD-10-CM
S60.861A	Insect bite (nonvenomous) of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.861D	Insect bite (nonvenomous) of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.861S	Insect bite (nonvenomous) of right wrist, sequela	Diagnosis	ICD-10-CM
S60.862	Insect bite (nonvenomous) of left wrist	Diagnosis	ICD-10-CM
S60.862A	Insect bite (nonvenomous) of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.862D	Insect bite (nonvenomous) of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.862S	Insect bite (nonvenomous) of left wrist, sequela	Diagnosis	ICD-10-CM
S60.869	Insect bite (nonvenomous) of unspecified wrist	Diagnosis	ICD-10-CM
S60.869A	Insect bite (nonvenomous) of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.869D	Insect bite (nonvenomous) of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.869S	Insect bite (nonvenomous) of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S70.26	Insect bite (nonvenomous) of hip	Diagnosis	ICD-10-CM
S70.261	Insect bite (nonvenomous), right hip	Diagnosis	ICD-10-CM
S70.261A	Insect bite (nonvenomous), right hip, initial encounter	Diagnosis	ICD-10-CM
S70.261D	Insect bite (nonvenomous), right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.261S	Insect bite (nonvenomous), right hip, sequela	Diagnosis	ICD-10-CM
S70.262	Insect bite (nonvenomous), left hip	Diagnosis	ICD-10-CM
S70.262A	Insect bite (nonvenomous), left hip, initial encounter	Diagnosis	ICD-10-CM
S70.262D	Insect bite (nonvenomous), left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.262S	Insect bite (nonvenomous), left hip, sequela	Diagnosis	ICD-10-CM
S70.269	Insect bite (nonvenomous), unspecified hip	Diagnosis	ICD-10-CM
S70.269A	Insect bite (nonvenomous), unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.269D	Insect bite (nonvenomous), unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.269S	Insect bite (nonvenomous), unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.36	Insect bite (nonvenomous) of thigh	Diagnosis	ICD-10-CM
S70.361	Insect bite (nonvenomous), right thigh	Diagnosis	ICD-10-CM
S70.361A	Insect bite (nonvenomous), right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.361D	Insect bite (nonvenomous), right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.361S	Insect bite (nonvenomous), right thigh, sequela	Diagnosis	ICD-10-CM
S70.362	Insect bite (nonvenomous), left thigh	Diagnosis	ICD-10-CM
S70.362A	Insect bite (nonvenomous), left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.362D	Insect bite (nonvenomous), left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.362S	Insect bite (nonvenomous), left thigh, sequela	Diagnosis	ICD-10-CM
S70.369	Insect bite (nonvenomous), unspecified thigh	Diagnosis	ICD-10-CM
S70.369A	Insect bite (nonvenomous), unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.369D	Insect bite (nonvenomous), unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.369S	Insect bite (nonvenomous), unspecified thigh, sequela	Diagnosis	ICD-10-CM
S80.26	Insect bite (nonvenomous) of knee	Diagnosis	ICD-10-CM
S80.261	Insect bite (nonvenomous), right knee	Diagnosis	ICD-10-CM
S80.261A	Insect bite (nonvenomous), right knee, initial encounter	Diagnosis	ICD-10-CM
S80.261D	Insect bite (nonvenomous), right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.261S	Insect bite (nonvenomous), right knee, sequela	Diagnosis	ICD-10-CM
S80.262	Insect bite (nonvenomous), left knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S80.262A	Insect bite (nonvenomous), left knee, initial encounter	Diagnosis	ICD-10-CM
S80.262D	Insect bite (nonvenomous), left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.262S	Insect bite (nonvenomous), left knee, sequela	Diagnosis	ICD-10-CM
S80.269	Insect bite (nonvenomous), unspecified knee	Diagnosis	ICD-10-CM
S80.269A	Insect bite (nonvenomous), unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.269D	Insect bite (nonvenomous), unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.269S	Insect bite (nonvenomous), unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.86	Insect bite (nonvenomous) of lower leg	Diagnosis	ICD-10-CM
S80.861	Insect bite (nonvenomous), right lower leg	Diagnosis	ICD-10-CM
S80.861A	Insect bite (nonvenomous), right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.861D	Insect bite (nonvenomous), right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.861S	Insect bite (nonvenomous), right lower leg, sequela	Diagnosis	ICD-10-CM
S80.862	Insect bite (nonvenomous), left lower leg	Diagnosis	ICD-10-CM
S80.862A	Insect bite (nonvenomous), left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.862D	Insect bite (nonvenomous), left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.862S	Insect bite (nonvenomous), left lower leg, sequela	Diagnosis	ICD-10-CM
S80.869	Insect bite (nonvenomous), unspecified lower leg	Diagnosis	ICD-10-CM
S80.869A	Insect bite (nonvenomous), unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.869D	Insect bite (nonvenomous), unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.869S	Insect bite (nonvenomous), unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S90.46	Insect bite (nonvenomous) of toe	Diagnosis	ICD-10-CM
S90.461	Insect bite (nonvenomous), right great toe	Diagnosis	ICD-10-CM
S90.461A	Insect bite (nonvenomous), right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.461D	Insect bite (nonvenomous), right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.461S	Insect bite (nonvenomous), right great toe, sequela	Diagnosis	ICD-10-CM
S90.462	Insect bite (nonvenomous), left great toe	Diagnosis	ICD-10-CM
S90.462A	Insect bite (nonvenomous), left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.462D	Insect bite (nonvenomous), left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.462S	Insect bite (nonvenomous), left great toe, sequela	Diagnosis	ICD-10-CM
S90.463	Insect bite (nonvenomous), unspecified great toe	Diagnosis	ICD-10-CM
S90.463A	Insect bite (nonvenomous), unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.463D	Insect bite (nonvenomous), unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.463S	Insect bite (nonvenomous), unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.464	Insect bite (nonvenomous), right lesser toe(s)	Diagnosis	ICD-10-CM
S90.464A	Insect bite (nonvenomous), right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.464D	Insect bite (nonvenomous), right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.464S	Insect bite (nonvenomous), right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.465	Insect bite (nonvenomous), left lesser toe(s)	Diagnosis	ICD-10-CM
S90.465A	Insect bite (nonvenomous), left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.465D	Insect bite (nonvenomous), left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.465S	Insect bite (nonvenomous), left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.466	Insect bite (nonvenomous), unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.466A	Insect bite (nonvenomous), unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.466D	Insect bite (nonvenomous), unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.466S	Insect bite (nonvenomous), unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.56	Insect bite (nonvenomous) of ankle	Diagnosis	ICD-10-CM
S90.561	Insect bite (nonvenomous), right ankle	Diagnosis	ICD-10-CM
S90.561A	Insect bite (nonvenomous), right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.561D	Insect bite (nonvenomous), right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.561S	Insect bite (nonvenomous), right ankle, sequela	Diagnosis	ICD-10-CM
S90.562	Insect bite (nonvenomous), left ankle	Diagnosis	ICD-10-CM
S90.562A	Insect bite (nonvenomous), left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.562D	Insect bite (nonvenomous), left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.562S	Insect bite (nonvenomous), left ankle, sequela	Diagnosis	ICD-10-CM
S90.569	Insect bite (nonvenomous), unspecified ankle	Diagnosis	ICD-10-CM
S90.569A	Insect bite (nonvenomous), unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.569D	Insect bite (nonvenomous), unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.569S	Insect bite (nonvenomous), unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.86	Insect bite (nonvenomous) of foot	Diagnosis	ICD-10-CM
S90.861	Insect bite (nonvenomous), right foot	Diagnosis	ICD-10-CM
S90.861A	Insect bite (nonvenomous), right foot, initial encounter	Diagnosis	ICD-10-CM
S90.861D	Insect bite (nonvenomous), right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.861S	Insect bite (nonvenomous), right foot, sequela	Diagnosis	ICD-10-CM
S90.862	Insect bite (nonvenomous), left foot	Diagnosis	ICD-10-CM
S90.862A	Insect bite (nonvenomous), left foot, initial encounter	Diagnosis	ICD-10-CM
S90.862D	Insect bite (nonvenomous), left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.862S	Insect bite (nonvenomous), left foot, sequela	Diagnosis	ICD-10-CM
S90.869	Insect bite (nonvenomous), unspecified foot	Diagnosis	ICD-10-CM
S90.869A	Insect bite (nonvenomous), unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.869D	Insect bite (nonvenomous), unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.869S	Insect bite (nonvenomous), unspecified foot, sequela	Diagnosis	ICD-10-CM
W57	Bitten or stung by nonvenomous insect and other nonvenomous arthropods	Diagnosis	ICD-10-CM
W57.XXXA	Bitten or stung by nonvenomous insect and other nonvenomous arthropods, initial encounter	Diagnosis	ICD-10-CM
W57.XXXD	Bitten or stung by nonvenomous insect and other nonvenomous arthropods, subsequent encounter	Diagnosis	ICD-10-CM
W57.XXXS	Bitten or stung by nonvenomous insect and other nonvenomous arthropods, sequela	Diagnosis	ICD-10-CM
Macroscopic Examination for Arthropod			
87168	Macroscopic examination; arthropod	Procedure	CPT-4
Lyme Disease			
A69.2	Lyme disease	Diagnosis	ICD-10-CM
A69.20	Lyme disease, unspecified	Diagnosis	ICD-10-CM
A69.21	Meningitis due to Lyme disease	Diagnosis	ICD-10-CM
A69.22	Other neurologic disorders in Lyme disease	Diagnosis	ICD-10-CM
A69.23	Arthritis due to Lyme disease	Diagnosis	ICD-10-CM
A69.29	Other conditions associated with Lyme disease	Diagnosis	ICD-10-CM
86617	Antibody; Borrelia burgdorferi (Lyme disease) confirmatory test (eg, Western Blot or immunoblot)	Procedure	CPT-4
86618	Antibody; Borrelia burgdorferi (Lyme disease)	Procedure	CPT-4

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
87475	Infectious agent detection by nucleic acid (DNA or RNA); <i>Borrelia burgdorferi</i> , direct probe technique	Procedure	CPT-4
87476	Infectious agent detection by nucleic acid (DNA or RNA); <i>Borrelia burgdorferi</i> , amplified probe technique	Procedure	CPT-4
87477	Infectious agent detection by nucleic acid (DNA or RNA); <i>Borrelia burgdorferi</i> , quantification	Procedure	CPT-4
Other Tickborne Disease			
A68.1	Tick-borne relapsing fever	Diagnosis	ICD-10-CM
A77.0	Spotted fever due to <i>Rickettsia rickettsii</i>	Diagnosis	ICD-10-CM
A77.4	Ehrlichiosis	Diagnosis	ICD-10-CM
A77.40	Ehrlichiosis, unspecified	Diagnosis	ICD-10-CM
A77.41	Ehrlichiosis <i>chafeensis</i> [<i>E. chafeensis</i>]	Diagnosis	ICD-10-CM
A77.49	Other ehrlichiosis	Diagnosis	ICD-10-CM
A84.0	Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis]	Diagnosis	ICD-10-CM
A84.1	Central European tick-borne encephalitis	Diagnosis	ICD-10-CM
A84.8	Other tick-borne viral encephalitis	Diagnosis	ICD-10-CM
A84.9	Tick-borne viral encephalitis, unspecified	Diagnosis	ICD-10-CM
B60.0	Babesiosis	Diagnosis	ICD-10-CM
0043U	Tick-borne relapsing fever <i>Borrelia</i> group, antibody detection to 4 recombinant protein groups, by immunoblot, IgM	Procedure	CPT-4
0044U	Tick-borne relapsing fever <i>Borrelia</i> group, antibody detection to 4 recombinant protein groups, by immunoblot, IgG	Procedure	CPT-4
Any Obstetric Condition			
N84	Polyp of female genital tract	Diagnosis	ICD-10-CM
N84.0	Polyp of corpus uteri	Diagnosis	ICD-10-CM
N84.1	Polyp of cervix uteri	Diagnosis	ICD-10-CM
N84.8	Polyp of other parts of female genital tract	Diagnosis	ICD-10-CM
N84.9	Polyp of female genital tract, unspecified	Diagnosis	ICD-10-CM
N96	Recurrent pregnancy loss	Diagnosis	ICD-10-CM
O02.1	Missed abortion	Diagnosis	ICD-10-CM
O03	Spontaneous abortion	Diagnosis	ICD-10-CM
O03.4	Incomplete spontaneous abortion without complication	Diagnosis	ICD-10-CM
Z01.812	Encounter for preprocedural laboratory examination	Diagnosis	ICD-10-CM
Z31.430	Encounter of female for testing for genetic disease carrier status for procreative management	Diagnosis	ICD-10-CM
Z31.83	Encounter for assisted reproductive fertility procedure cycle	Diagnosis	ICD-10-CM
Z32.00	Encounter for pregnancy test, result unknown	Diagnosis	ICD-10-CM
Z32.01	Encounter for pregnancy test, result positive	Diagnosis	ICD-10-CM
Z33.2	Encounter for elective termination of pregnancy	Diagnosis	ICD-10-CM
Z3A.01	Less than 8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.08	8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
0058T	Cryopreservation; reproductive tissue, ovarian	Procedure	CPT-3
0059T	Cryopreservation; oocyte(s)	Procedure	CPT-3
00842	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; amniocentesis	Procedure	CPT-4

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
00848	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; pelvic exenteration	Procedure	CPT-4
00850	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; cesarean section	Procedure	CPT-4
00851	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; tubal ligation/transection	Procedure	CPT-4
00855	Anesthesia for intraperitoneal procedures in lower abdomen including laparoscopy; cesarean hysterectomy	Procedure	CPT-4
00944	Anesthesia for vaginal procedures (including biopsy of labia, vagina, cervix or endometrium); vaginal hysterectomy	Procedure	CPT-4
00952	Anesthesia for vaginal procedures (including biopsy of labia, vagina, cervix or endometrium); hysteroscopy and/or hysterosalpingography	Procedure	CPT-4
01900	Anesthesia for injection procedure for hysterosalpingography	Procedure	CPT-4
01962	Anesthesia for urgent hysterectomy following delivery	Procedure	CPT-4
01963	Anesthesia for cesarean hysterectomy without any labor analgesia/anesthesia care	Procedure	CPT-4
01969	Anesthesia for cesarean hysterectomy following neuraxial labor analgesia/anesthesia (List separately in addition to code for primary procedure performed)	Procedure	CPT-4
0336T	Laparoscopy, surgical, ablation of uterine fibroid(s), including intraoperative ultrasound guidance and monitoring, radiofrequency	Procedure	CPT-3
0357T	Cryopreservation; immature oocyte(s)	Procedure	CPT-3
0U9900Z	Drainage of Uterus with Drainage Device, Open Approach	Procedure	ICD-10-PCS
0U990ZZ	Drainage of Uterus, Open Approach	Procedure	ICD-10-PCS
0U9940Z	Drainage of Uterus with Drainage Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U994ZZ	Drainage of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0U9970Z	Drainage of Uterus with Drainage Device, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U997ZZ	Drainage of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0U9980Z	Drainage of Uterus with Drainage Device, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0U998ZZ	Drainage of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UC90ZZ	Extirpation of Matter from Uterus, Open Approach	Procedure	ICD-10-PCS
0UC93ZZ	Extirpation of Matter from Uterus, Percutaneous Approach	Procedure	ICD-10-PCS
0UC94ZZ	Extirpation of Matter from Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UJD0ZZ	Inspection of Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UJD4ZZ	Inspection of Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UJD8ZZ	Inspection of Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD00Z	Removal of Drainage Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD01Z	Removal of Radioactive Element from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD03Z	Removal of Infusion Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD07Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0DZ	Removal of Intraluminal Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0HZ	Removal of Contraceptive Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0JZ	Removal of Synthetic Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UPD0KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD0YZ	Removal of Other Device from Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UPD30Z	Removal of Drainage Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD31Z	Removal of Radioactive Element from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD33Z	Removal of Infusion Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD37Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3DZ	Removal of Intraluminal Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3HZ	Removal of Contraceptive Device from Uterus and Cervix, Percutaneous	Procedure	ICD-10-PCS
0UPD3JZ	Removal of Synthetic Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD3YZ	Removal of Other Device from Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UPD40Z	Removal of Drainage Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD41Z	Removal of Radioactive Element from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD43Z	Removal of Infusion Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD47Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4DZ	Removal of Intraluminal Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4HZ	Removal of Contraceptive Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4JZ	Removal of Synthetic Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD4YZ	Removal of Other Device from Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UPD71Z	Removal of Radioactive Element from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD77Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD7JZ	Removal of Synthetic Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD7KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UPD81Z	Removal of Radioactive Element from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD87Z	Removal of Autologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0UPD8JZ	Removal of Synthetic Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UPD8KZ	Removal of Nonautologous Tissue Substitute from Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT40ZZ	Resection of Uterine Supporting Structure, Open Approach	Procedure	ICD-10-PCS
0UT44ZZ	Resection of Uterine Supporting Structure, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT47ZZ	Resection of Uterine Supporting Structure, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT48ZZ	Resection of Uterine Supporting Structure, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT90ZL	Resection of Uterus, Supracervical, Open Approach	Procedure	ICD-10-PCS
0UT90ZZ	Resection of Uterus, Open Approach	Procedure	ICD-10-PCS
0UT94ZL	Resection of Uterus, Supracervical, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT94ZZ	Resection of Uterus, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UT97ZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT97ZZ	Resection of Uterus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UT98ZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT98ZZ	Resection of Uterus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UT9FZL	Resection of Uterus, Supracervical, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UT9FZZ	Resection of Uterus, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Procedure	ICD-10-PCS
0UTC0ZZ	Resection of Cervix, Open Approach	Procedure	ICD-10-PCS
0UTC4ZZ	Resection of Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UTC7ZZ	Resection of Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UTC8ZZ	Resection of Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD00Z	Revision of Drainage Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD01Z	Revision of Radioactive Element in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD03Z	Revision of Infusion Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD07Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0DZ	Revision of Intraluminal Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0HZ	Revision of Contraceptive Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0JZ	Revision of Synthetic Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD0YZ	Revision of Other Device in Uterus and Cervix, Open Approach	Procedure	ICD-10-PCS
0UWD30Z	Revision of Drainage Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD31Z	Revision of Radioactive Element in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD33Z	Revision of Infusion Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD37Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3DZ	Revision of Intraluminal Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3HZ	Revision of Contraceptive Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3JZ	Revision of Synthetic Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD3KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
0UWD3YZ	Revision of Other Device in Uterus and Cervix, Percutaneous Approach	Procedure	ICD-10-PCS
0UWD40Z	Revision of Drainage Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD41Z	Revision of Radioactive Element in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD43Z	Revision of Infusion Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD47Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4DZ	Revision of Intraluminal Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4HZ	Revision of Contraceptive Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4JZ	Revision of Synthetic Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD4YZ	Revision of Other Device in Uterus and Cervix, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0UWD70Z	Revision of Drainage Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD71Z	Revision of Radioactive Element in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD73Z	Revision of Infusion Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD77Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7DZ	Revision of Intraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7HZ	Revision of Contraceptive Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7JZ	Revision of Synthetic Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD7YZ	Revision of Other Device in Uterus and Cervix, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0UWD80Z	Revision of Drainage Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD81Z	Revision of Radioactive Element in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD83Z	Revision of Infusion Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD87Z	Revision of Autologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0UWD8DZ	Revision of Intraluminal Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8HZ	Revision of Contraceptive Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8JZ	Revision of Synthetic Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8KZ	Revision of Nonautologous Tissue Substitute in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0UWD8YZ	Revision of Other Device in Uterus and Cervix, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10A00ZZ	Abortion of Products of Conception, Open Approach	Procedure	ICD-10-PCS
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
45126	Pelvic exenteration for colorectal malignancy, with proctectomy (with or without colostomy), with removal of bladder and ureteral transplantations, and/or hysterectomy, or cervicectomy, with or without removal of tube(s), with or without removal of ovary(s), or any combination thereof	Procedure	CPT-4
49220	Staging laparotomy for Hodgkins disease or lymphoma (includes splenectomy, needle or open biopsies of both liver lobes, possibly also removal of abdominal nodes, abdominal node and/or bone marrow biopsies, ovarian repositioning)	Procedure	CPT-4
49322	Laparoscopy, surgical; with aspiration of cavity or cyst (eg, ovarian cyst) (single or multiple)	Procedure	CPT-4
50722	Ureterolysis for ovarian vein syndrome	Procedure	CPT-4
51597	Pelvic exenteration, complete, for vesical, prostatic or urethral malignancy, with removal of bladder and ureteral transplantations, with or without hysterectomy and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	Procedure	CPT-4
51925	Closure of vesicouterine fistula; with hysterectomy	Procedure	CPT-4
56350	HYSTEROSCOPY DX (SEPART PROC)	Procedure	CPT-4
56351	HYSTEROSCOPY SURG; W/SAMPL ENDOMETRIUM W/VO D&C	Procedure	CPT-4
56352	HYSTEROSCOPY SURG; W/LYSIS INTRAUTERINE ADHESION	Procedure	CPT-4
56353	HYSTEROSCOPY SURG; W/DIVIS/RESECT SEPTUM	Procedure	CPT-4
56354	HYSTEROSCOPY SURG; W/REMOV LEIOMYOMATA	Procedure	CPT-4
56355	HYSTEROSCOPY SURG; W/REMOV IMPACTED F B	Procedure	CPT-4
56356	HYSTEROSCOPY SURG; W/ENDOMETRIAL ABLATION	Procedure	CPT-4
56399	UNLISTED PROC-LAP/HYSTEROSCOPY	Procedure	CPT-4
57425	Laparoscopy, surgical, colpopexy (suspension of vaginal apex)	Procedure	CPT-4
58150	Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s);	Procedure	CPT-4
58152	Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s); with colpo-urethrocystopexy (eg, Marshall-Marchetti-Krantz, Burch)	Procedure	CPT-4
58180	Supracervical abdominal hysterectomy (subtotal hysterectomy), with or without removal of tube(s), with or without removal of ovary(s)	Procedure	CPT-4

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Code	Description	Code Category	Code Type
58200	Total abdominal hysterectomy, including partial vaginectomy, with para-aortic and pelvic lymph node sampling, with or without removal of tube(s), with or without removal of ovary(s)	Procedure	CPT-4
58205	Total Hysterectomy, Extended, Corpus Cancer, Including Partial	Procedure	CPT-4
58210	Radical abdominal hysterectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy), with or without removal of tube(s), with or without removal of ovary(s)	Procedure	CPT-4
58240	Pelvic exenteration for gynecologic malignancy, with total abdominal hysterectomy or cervicectomy, with or without removal of tube(s), with or without removal of ovary(s), with removal of bladder and ureteral transplantations, and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	Procedure	CPT-4
58260	Vaginal hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58262	Vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s), and/or ovary(s)	Procedure	CPT-4
58263	Vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s), and/or ovary(s), with repair of enterocele	Procedure	CPT-4
58265	Vaginal Hysterectomy With Plastic Repair Of Vagina, Anterior	Procedure	CPT-4
58267	Vaginal hysterectomy, for uterus 250 g or less; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control	Procedure	CPT-4
58270	Vaginal hysterectomy, for uterus 250 g or less; with repair of enterocele	Procedure	CPT-4
58275	Vaginal hysterectomy, with total or partial vaginectomy;	Procedure	CPT-4
58280	Vaginal hysterectomy, with total or partial vaginectomy; with repair of enterocele	Procedure	CPT-4
58285	Vaginal hysterectomy, radical (Schauta type operation)	Procedure	CPT-4
58290	Vaginal hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58291	Vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58292	Vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s), with repair of enterocele	Procedure	CPT-4
58293	Vaginal hysterectomy, for uterus greater than 250 g; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control	Procedure	CPT-4
58294	Vaginal hysterectomy, for uterus greater than 250 g; with repair of enterocele	Procedure	CPT-4
58321	Artificial insemination; intra-cervical	Procedure	CPT-4
58322	Artificial insemination; intra-uterine	Procedure	CPT-4
58340	Catheterization and introduction of saline or contrast material for saline infusion sonohysterography (SIS) or hysterosalpingography	Procedure	CPT-4
58345	Transcervical introduction of fallopian tube catheter for diagnosis and/or re-establishing patency (any method), with or without hysterosalpingography	Procedure	CPT-4
58350	Chromotubation of oviduct, including materials	Procedure	CPT-4
58353	Endometrial ablation, thermal, without hysteroscopic guidance	Procedure	CPT-4
58520	Hysterorrhaphy, repair of ruptured uterus (nonobstetrical)	Procedure	CPT-4
58540	Hysteroplasty, repair of uterine anomaly (Strassman type)	Procedure	CPT-4
58541	Laparoscopy, surgical, supracervical hysterectomy, for uterus 250 g or less;	Procedure	CPT-4

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
58542	Laparoscopy, surgical, supracervical hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58543	Laparoscopy, surgical, supracervical hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58544	Laparoscopy, surgical, supracervical hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58545	Laparoscopy, surgical, myomectomy, excision; 1 to 4 intramural myomas with total weight of 250 g or less and/or removal of surface myomas	Procedure	CPT-4
58546	Laparoscopy, surgical, myomectomy, excision; 5 or more intramural myomas and/or intramural myomas with total weight greater than 250 g	Procedure	CPT-4
58548	Laparoscopy, surgical, with radical hysterectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy), with removal of tube(s) and ovary(s), if performed	Procedure	CPT-4
58550	Laparoscopy, surgical, with vaginal hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58551	Laparoscopy, surgical; with removal of leiomyomata (single or multiple)	Procedure	CPT-4
58552	Laparoscopy, surgical, with vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58553	Laparoscopy, surgical, with vaginal hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58554	Laparoscopy, surgical, with vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58555	Hysteroscopy, diagnostic (separate procedure)	Procedure	CPT-4
58558	Hysteroscopy, surgical; with sampling (biopsy) of endometrium and/or polypectomy, with or without D & C	Procedure	CPT-4
58559	Hysteroscopy, surgical; with lysis of intrauterine adhesions (any method)	Procedure	CPT-4
58560	Hysteroscopy, surgical; with division or resection of intrauterine septum (any method)	Procedure	CPT-4
58561	Hysteroscopy, surgical; with removal of leiomyomata	Procedure	CPT-4
58562	Hysteroscopy, surgical; with removal of impacted foreign body	Procedure	CPT-4
58563	Hysteroscopy, surgical; with endometrial ablation (eg, endometrial resection, electrosurgical ablation, thermoablation)	Procedure	CPT-4
58565	Hysteroscopy, surgical; with bilateral fallopian tube cannulation to induce occlusion by placement of permanent implants	Procedure	CPT-4
58570	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less;	Procedure	CPT-4
58571	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58572	Laparoscopy, surgical, with total hysterectomy, for uterus greater than 250 g;	Procedure	CPT-4
58573	Laparoscopy, surgical, with total hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	Procedure	CPT-4
58575	Laparoscopy, surgical, total hysterectomy for resection of malignancy (tumor debulking), with omentectomy including salpingo-oophorectomy, unilateral or bilateral, when performed	Procedure	CPT-4
58578	Unlisted laparoscopy procedure, uterus	Procedure	CPT-4
58579	Unlisted hysteroscopy procedure, uterus	Procedure	CPT-4
58600	Ligation or transection of fallopian tube(s), abdominal or vaginal approach, unilateral or bilateral	Procedure	CPT-4

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
58605	Ligation or transection of fallopian tube(s), abdominal or vaginal approach, postpartum, unilateral or bilateral, during same hospitalization (separate procedure)	Procedure	CPT-4
58611	Ligation or transection of fallopian tube(s) when done at the time of cesarean delivery or intra-abdominal surgery (not a separate procedure) (List separately in addition to code for primary procedure)	Procedure	CPT-4
58615	Occlusion of fallopian tube(s) by device (eg, band, clip, Falope ring) vaginal or suprapubic approach	Procedure	CPT-4
58660	Laparoscopy, surgical; with lysis of adhesions (salpingolysis, ovariolysis) (separate procedure)	Procedure	CPT-4
58661	Laparoscopy, surgical; with removal of adnexal structures (partial or total oophorectomy and/or salpingectomy)	Procedure	CPT-4
58662	Laparoscopy, surgical; with fulguration or excision of lesions of the ovary, pelvic viscera, or peritoneal surface by any method	Procedure	CPT-4
58670	Laparoscopy, surgical; with fulguration of oviducts (with or without transection)	Procedure	CPT-4
58671	Laparoscopy, surgical; with occlusion of oviducts by device (eg, band, clip, or Falope ring)	Procedure	CPT-4
58672	Laparoscopy, surgical; with fimbrioplasty	Procedure	CPT-4
58673	Laparoscopy, surgical; with salpingostomy (salpingoneostomy)	Procedure	CPT-4
58674	Laparoscopy, surgical, ablation of uterine fibroid(s) including intraoperative ultrasound guidance and monitoring, radiofrequency	Procedure	CPT-4
58679	Unlisted laparoscopy procedure, oviduct, ovary	Procedure	CPT-4
58700	Salpingectomy, complete or partial, unilateral or bilateral (separate procedure)	Procedure	CPT-4
58720	Salpingo-oophorectomy, complete or partial, unilateral or bilateral (separate procedure)	Procedure	CPT-4
58740	Lysis of adhesions (salpingolysis, ovariolysis)	Procedure	CPT-4
58750	Tubotubal anastomosis	Procedure	CPT-4
58752	Tubouterine implantation	Procedure	CPT-4
58760	Fimbrioplasty	Procedure	CPT-4
58770	Salpingostomy (salpingoneostomy)	Procedure	CPT-4
58800	Drainage of ovarian cyst(s), unilateral or bilateral (separate procedure); vaginal approach	Procedure	CPT-4
58805	Drainage of ovarian cyst(s), unilateral or bilateral (separate procedure); abdominal approach	Procedure	CPT-4
58820	Drainage of ovarian abscess; vaginal approach, open	Procedure	CPT-4
58822	Drainage of ovarian abscess; abdominal approach	Procedure	CPT-4
58823	Drainage of pelvic abscess, transvaginal or transrectal approach, percutaneous (eg, ovarian, pericolic)	Procedure	CPT-4
58825	Transposition, ovary(s)	Procedure	CPT-4
58900	Biopsy of ovary, unilateral or bilateral (separate procedure)	Procedure	CPT-4
58920	Wedge resection or bisection of ovary, unilateral or bilateral	Procedure	CPT-4
58925	Ovarian cystectomy, unilateral or bilateral	Procedure	CPT-4
58940	Oophorectomy, partial or total, unilateral or bilateral;	Procedure	CPT-4

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
58943	Oophorectomy, partial or total, unilateral or bilateral; for ovarian, tubal or primary peritoneal malignancy, with para-aortic and pelvic lymph node biopsies, peritoneal washings, peritoneal biopsies, diaphragmatic assessments, with or without salpingectomy(s), with or without omentectomy	Procedure	CPT-4
58950	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy;	Procedure	CPT-4
58951	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy; with total abdominal hysterectomy, pelvic and limited para-aortic lymphadenectomy	Procedure	CPT-4
58952	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy; with radical dissection for debulking (ie, radical excision or destruction, intra-abdominal or retroperitoneal tumors)	Procedure	CPT-4
58953	Bilateral salpingo-oophorectomy with omentectomy, total abdominal hysterectomy and radical dissection for debulking;	Procedure	CPT-4
58954	Bilateral salpingo-oophorectomy with omentectomy, total abdominal hysterectomy and radical dissection for debulking; with pelvic lymphadenectomy and limited para-aortic lymphadenectomy	Procedure	CPT-4
58956	Bilateral salpingo-oophorectomy with total omentectomy, total abdominal hysterectomy for malignancy	Procedure	CPT-4
58957	Resection (tumor debulking) of recurrent ovarian, tubal, primary peritoneal, uterine malignancy (intra-abdominal, retroperitoneal tumors), with omentectomy, if performed;	Procedure	CPT-4
58958	Resection (tumor debulking) of recurrent ovarian, tubal, primary peritoneal, uterine malignancy (intra-abdominal, retroperitoneal tumors), with omentectomy, if performed; with pelvic lymphadenectomy and limited para-aortic lymphadenectomy	Procedure	CPT-4
58960	Laparotomy, for staging or restaging of ovarian, tubal, or primary peritoneal malignancy (second look), with or without omentectomy, peritoneal washing, biopsy of abdominal and pelvic peritoneum, diaphragmatic assessment with pelvic and limited para-aortic lymphadenectomy	Procedure	CPT-4
58970	Follicle puncture for oocyte retrieval, any method	Procedure	CPT-4
58972	CULTURE & FERTILIZATION OOCYTE	Procedure	CPT-4
58974	Embryo transfer, intrauterine	Procedure	CPT-4
58976	Gamete, zygote, or embryo intrafallopian transfer, any method	Procedure	CPT-4
58982	Laparoscopy, Surgical; With Fulguration Of Oviducts (with Or Without Transection)	Procedure	CPT-4
58983	Laparoscopy, Surgical; With Occlusion Of Oviducts By Device (eg, Band, Clip, Or Falope Ring)	Procedure	CPT-4
58984	Laparoscopy, Surgical; With Fulguration Or Excision Of Lesions Of The Ovary, Pelvic Viscera, Or Peritoneal Surface By Any Method	Procedure	CPT-4
58985	Laparoscopy, Surgical; With Lysis Of Adhesions	Procedure	CPT-4
58986	Laparoscopy, Surgical; With Biopsy (single Or Multiple)	Procedure	CPT-4
58987	Laparoscopy, Surgical; With Aspiration (single Or Multiple)	Procedure	CPT-4

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Code	Description	Code Category	Code Type
58988	Laparoscopy, Surgical; With Removal Of Adnexal Structures (partial Or Total Oophorectomy And/or Salpingectomy)	Procedure	CPT-4
58990	Hysteroscopy; Diagnostic	Procedure	CPT-4
58992	Hysteroscopy; With Lysis Of Intrauterine Adhesions Or Resection Of Intrauterine Septum (any Method)	Procedure	CPT-4
58994	Hysteroscopy; With Removal Of Submucous Leiomyomata (any Method)	Procedure	CPT-4
58995	Hysteroscopy	Procedure	CPT-4
58996	Hysteroscopy; With Endometrial Ablation (any Method)	Procedure	CPT-4
59100	Hysterotomy, abdominal (eg, for hydatidiform mole, abortion)	Procedure	CPT-4
59101	Hysterotomy, Abdominal, For Removal Of Hydatidiform Mole	Procedure	CPT-4
59105	Hysterotomy, Abdominal, For Legal Abortion	Procedure	CPT-4
59106	Hysterotomy, Abdominal, For Legal Abortion	Procedure	CPT-4
59120	Surgical treatment of ectopic pregnancy; tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	Procedure	CPT-4
59121	Surgical treatment of ectopic pregnancy; tubal or ovarian, without salpingectomy and/or oophorectomy	Procedure	CPT-4
59130	Surgical treatment of ectopic pregnancy; abdominal pregnancy	Procedure	CPT-4
59135	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy	Procedure	CPT-4
59136	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy with partial resection of uterus	Procedure	CPT-4
59140	Surgical treatment of ectopic pregnancy; cervical, with evacuation	Procedure	CPT-4
59150	Laparoscopic treatment of ectopic pregnancy; without salpingectomy and/or oophorectomy	Procedure	CPT-4
59151	Laparoscopic treatment of ectopic pregnancy; with salpingectomy and/or oophorectomy	Procedure	CPT-4
59350	Hysterorrhaphy of ruptured uterus	Procedure	CPT-4
59351	Hysterorrhaphy Of Ruptured Uterus	Procedure	CPT-4
59525	Subtotal or total hysterectomy after cesarean delivery (List separately in addition to code for primary procedure)	Procedure	CPT-4
59560	Cesarean Section With Hysterectomy, Subtotal, Including	Procedure	CPT-4
59561	Cesarean Section With Hysterectomy, Subtotal, Including	Procedure	CPT-4
59580	Cesarean Section With Hysterectomy, Total, Including	Procedure	CPT-4
59581	Cesarean Section With Hysterectomy, Total, Including	Procedure	CPT-4
59852	Induced abortion, by 1 or more intra-amniotic injections (amniocentesis-injections), including hospital admission and visits, delivery of fetus and secundines; with hysterotomy (failed intra-amniotic injection)	Procedure	CPT-4
59857	Induced abortion, by 1 or more vaginal suppositories (eg, prostaglandin) with or without cervical dilation (eg, laminaria), including hospital admission and visits, delivery of fetus and secundines; with hysterotomy (failed medical evacuation)	Procedure	CPT-4
59898	Unlisted laparoscopy procedure, maternity care and delivery	Procedure	CPT-4
74740	Hysterosalpingography, radiological supervision and interpretation	Procedure	CPT-4
74741	Hysterosalpingography; Complete Procedure	Procedure	CPT-4

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Code	Description	Code Category	Code Type
76831	Saline infusion sonohysterography (SIS), including color flow Doppler, when performed	Procedure	CPT-4
89250	Culture of oocyte(s)/embryo(s), less than 4 days;	Procedure	CPT-4
89251	Culture of oocyte(s)/embryo(s), less than 4 days; with co-culture of oocyte(s)/embryos	Procedure	CPT-4
89252	Assisted oocyte fertilization, microtechnique (any method)	Procedure	CPT-4
89253	Assisted embryo hatching, microtechniques (any method)	Procedure	CPT-4
89254	Oocyte identification from follicular fluid	Procedure	CPT-4
89255	Preparation of embryo for transfer (any method)	Procedure	CPT-4
89268	Insemination of oocytes	Procedure	CPT-4
89272	Extended culture of oocyte(s)/embryo(s), 4-7 days	Procedure	CPT-4
89280	Assisted oocyte fertilization, microtechnique; less than or equal to 10 oocytes	Procedure	CPT-4
89281	Assisted oocyte fertilization, microtechnique; greater than 10 oocytes	Procedure	CPT-4
89290	Biopsy, oocyte polar body or embryo blastomere, microtechnique (for pre-implantation genetic diagnosis); less than or equal to 5 embryos	Procedure	CPT-4
89291	Biopsy, oocyte polar body or embryo blastomere, microtechnique (for pre-implantation genetic diagnosis); greater than 5 embryos	Procedure	CPT-4
BU02YZZ	Plain Radiography of Bilateral Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
BU060ZZ	Plain Radiography of Uterus using High Osmolar Contrast	Procedure	ICD-10-PCS
BU061ZZ	Plain Radiography of Uterus using Low Osmolar Contrast	Procedure	ICD-10-PCS
BU06YZZ	Plain Radiography of Uterus using Other Contrast	Procedure	ICD-10-PCS
BU08YZZ	Plain Radiography of Uterus and Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
BU12YZZ	Fluoroscopy of Bilateral Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
BU160ZZ	Fluoroscopy of Uterus using High Osmolar Contrast	Procedure	ICD-10-PCS
BU161ZZ	Fluoroscopy of Uterus using Low Osmolar Contrast	Procedure	ICD-10-PCS
BU16YZZ	Fluoroscopy of Uterus using Other Contrast	Procedure	ICD-10-PCS
BU16ZZZ	Fluoroscopy of Uterus	Procedure	ICD-10-PCS
BU18YZZ	Fluoroscopy of Uterus and Fallopian Tubes using Other Contrast	Procedure	ICD-10-PCS
G0331	PET imaging restaging ovarian	Procedure	HCPCS
G9823	Endometrial sampling or hysteroscopy with biopsy and results documented	Procedure	HCPCS
G9824	Endometrial sampling or hysteroscopy with biopsy and results not documented	Procedure	HCPCS
S2078	Laparoscopic supracervical hysterectomy (subtotal hysterectomy), with or without removal of tube(s), with or without removal of ovary(s)	Procedure	HCPCS
S2255	Hysteroscopy, surgical; with occlusion of oviducts bilaterally by micro-inserts for permanent sterilization	Procedure	HCPCS
S4011	In vitro fertilization; including but not limited to identification and incubation of mature oocytes, fertilization with sperm, incubation of embryo(s), and subsequent visualization for determination of development	Procedure	HCPCS
S4013	Complete cycle, gamete intrafallopian transfer (GIFT), case rate	Procedure	HCPCS
S4014	Complete cycle, zygote intrafallopian transfer (ZIFT), case rate	Procedure	HCPCS
S4015	Complete in vitro fertilization cycle, not otherwise specified, case rate	Procedure	HCPCS
S4016	Frozen in vitro fertilization cycle, case rate	Procedure	HCPCS
S4022	Assisted oocyte fertilization, case rate	Procedure	HCPCS
S4023	Donor egg cycle, incomplete, case rate	Procedure	HCPCS
S4025	Donor services for in vitro fertilization (sperm or embryo), case rate	Procedure	HCPCS

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Code	Description	Code Category	Code Type
S4035	Stimulated intrauterine insemination (IUI), case rate	Procedure	HCPCS
S4037	Cryopreserved embryo transfer, case rate	Procedure	HCPCS
S4040	Monitoring and storage of cryopreserved embryos, per 30 days	Procedure	HCPCS
Any Dermatologic Condition			
H10.82	Rosacea conjunctivitis	Diagnosis	ICD-10-CM
H10.821	Rosacea conjunctivitis, right eye	Diagnosis	ICD-10-CM
H10.822	Rosacea conjunctivitis, left eye	Diagnosis	ICD-10-CM
H10.823	Rosacea conjunctivitis, bilateral	Diagnosis	ICD-10-CM
H10.829	Rosacea conjunctivitis, unspecified eye	Diagnosis	ICD-10-CM
L65.8	Other specified nonscarring hair loss	Diagnosis	ICD-10-CM
L66.0	Pseudopelade	Diagnosis	ICD-10-CM
L66.2	Folliculitis decalvans	Diagnosis	ICD-10-CM
L66.8	Other cicatricial alopecia	Diagnosis	ICD-10-CM
L70.0	Acne vulgaris	Diagnosis	ICD-10-CM
L70.1	Acne conglobata	Diagnosis	ICD-10-CM
L70.2	Acne varioliformis	Diagnosis	ICD-10-CM
L70.3	Acne tropica	Diagnosis	ICD-10-CM
L70.4	Infantile acne	Diagnosis	ICD-10-CM
L70.5	Acne excoriee	Diagnosis	ICD-10-CM
L70.8	Other acne	Diagnosis	ICD-10-CM
L70.9	Acne, unspecified	Diagnosis	ICD-10-CM
L71	Rosacea	Diagnosis	ICD-10-CM
L71.0	Perioral dermatitis	Diagnosis	ICD-10-CM
L71.1	Rhinophyma	Diagnosis	ICD-10-CM
L71.8	Other rosacea	Diagnosis	ICD-10-CM
L71.9	Rosacea, unspecified	Diagnosis	ICD-10-CM
L73	Other follicular disorders	Diagnosis	ICD-10-CM
L73.0	Acne keloid	Diagnosis	ICD-10-CM
L73.1	Pseudofolliculitis barbae	Diagnosis	ICD-10-CM
L73.2	Hidradenitis suppurativa	Diagnosis	ICD-10-CM
L73.8	Other specified follicular disorders	Diagnosis	ICD-10-CM
L73.9	Follicular disorder, unspecified	Diagnosis	ICD-10-CM
Attention Deficit Hyperactivity Disorders (ADHD)			
F90	Attention-deficit hyperactivity disorders	Diagnosis	ICD-10-CM
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	Diagnosis	ICD-10-CM
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	Diagnosis	ICD-10-CM
F90.2	Attention-deficit hyperactivity disorder, combined type	Diagnosis	ICD-10-CM
F90.8	Attention-deficit hyperactivity disorder, other type	Diagnosis	ICD-10-CM
F90.9	Attention-deficit hyperactivity disorder, unspecified type	Diagnosis	ICD-10-CM
Alcohol Abuse or Dependence			
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.13	Alcohol abuse, with withdrawal	Diagnosis	ICD-10-CM
F10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
F10.90	Alcohol use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F10.91	Alcohol use, unspecified, in remission	Diagnosis	ICD-10-CM
F10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.93	Alcohol use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.1	Alcoholic hepatitis	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.3	Alcoholic cirrhosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.4	Alcoholic hepatic failure	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
Z71.41	Alcohol abuse counseling and surveillance of alcoholic	Diagnosis	ICD-10-CM
Anxiety or Panic Disorder			
F06.4	Anxiety disorder due to known physiological condition	Diagnosis	ICD-10-CM
F40.0	Agoraphobia	Diagnosis	ICD-10-CM
F40.00	Agoraphobia, unspecified	Diagnosis	ICD-10-CM
F40.01	Agoraphobia with panic disorder	Diagnosis	ICD-10-CM
F40.02	Agoraphobia without panic disorder	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F40.1	Social phobias	Diagnosis	ICD-10-CM
F40.10	Social phobia, unspecified	Diagnosis	ICD-10-CM
F40.11	Social phobia, generalized	Diagnosis	ICD-10-CM
F40.2	Specific (isolated) phobias	Diagnosis	ICD-10-CM
F40.21	Animal type phobia	Diagnosis	ICD-10-CM
F40.210	Arachnophobia	Diagnosis	ICD-10-CM
F40.218	Other animal type phobia	Diagnosis	ICD-10-CM
F40.22	Natural environment type phobia	Diagnosis	ICD-10-CM
F40.220	Fear of thunderstorms	Diagnosis	ICD-10-CM
F40.228	Other natural environment type phobia	Diagnosis	ICD-10-CM
F40.23	Blood, injection, injury type phobia	Diagnosis	ICD-10-CM
F40.230	Fear of blood	Diagnosis	ICD-10-CM
F40.231	Fear of injections and transfusions	Diagnosis	ICD-10-CM
F40.232	Fear of other medical care	Diagnosis	ICD-10-CM
F40.233	Fear of injury	Diagnosis	ICD-10-CM
F40.24	Situational type phobia	Diagnosis	ICD-10-CM
F40.240	Claustrophobia	Diagnosis	ICD-10-CM
F40.241	Acrophobia	Diagnosis	ICD-10-CM
F40.242	Fear of bridges	Diagnosis	ICD-10-CM
F40.243	Fear of flying	Diagnosis	ICD-10-CM
F40.248	Other situational type phobia	Diagnosis	ICD-10-CM
F40.29	Other specified phobia	Diagnosis	ICD-10-CM
F40.290	Androphobia	Diagnosis	ICD-10-CM
F40.291	Gynephobia	Diagnosis	ICD-10-CM
F40.298	Other specified phobia	Diagnosis	ICD-10-CM
F40.8	Other phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.9	Phobic anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F41.0	Panic disorder [episodic paroxysmal anxiety]	Diagnosis	ICD-10-CM
F41.1	Generalized anxiety disorder	Diagnosis	ICD-10-CM
F41.3	Other mixed anxiety disorders	Diagnosis	ICD-10-CM
F41.8	Other specified anxiety disorders	Diagnosis	ICD-10-CM
F41.9	Anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F43.22	Adjustment disorder with anxiety	Diagnosis	ICD-10-CM
F43.8	Other reactions to severe stress	Diagnosis	ICD-10-CM
F43.9	Reaction to severe stress, unspecified	Diagnosis	ICD-10-CM
Any Malignancy			
C00.0	Malignant neoplasm of external upper lip	Diagnosis	ICD-10-CM
C00.1	Malignant neoplasm of external lower lip	Diagnosis	ICD-10-CM
C00.2	Malignant neoplasm of external lip, unspecified	Diagnosis	ICD-10-CM
C00.3	Malignant neoplasm of upper lip, inner aspect	Diagnosis	ICD-10-CM
C00.4	Malignant neoplasm of lower lip, inner aspect	Diagnosis	ICD-10-CM
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	Diagnosis	ICD-10-CM
C00.6	Malignant neoplasm of commissure of lip, unspecified	Diagnosis	ICD-10-CM
C00.8	Malignant neoplasm of overlapping sites of lip	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C00.9	Malignant neoplasm of lip, unspecified	Diagnosis	ICD-10-CM
C02.0	Malignant neoplasm of dorsal surface of tongue	Diagnosis	ICD-10-CM
C02.1	Malignant neoplasm of border of tongue	Diagnosis	ICD-10-CM
C02.2	Malignant neoplasm of ventral surface of tongue	Diagnosis	ICD-10-CM
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	Diagnosis	ICD-10-CM
C02.4	Malignant neoplasm of lingual tonsil	Diagnosis	ICD-10-CM
C02.8	Malignant neoplasm of overlapping sites of tongue	Diagnosis	ICD-10-CM
C02.9	Malignant neoplasm of tongue, unspecified	Diagnosis	ICD-10-CM
C03.0	Malignant neoplasm of upper gum	Diagnosis	ICD-10-CM
C03.1	Malignant neoplasm of lower gum	Diagnosis	ICD-10-CM
C03.9	Malignant neoplasm of gum, unspecified	Diagnosis	ICD-10-CM
C04.0	Malignant neoplasm of anterior floor of mouth	Diagnosis	ICD-10-CM
C04.1	Malignant neoplasm of lateral floor of mouth	Diagnosis	ICD-10-CM
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	Diagnosis	ICD-10-CM
C04.9	Malignant neoplasm of floor of mouth, unspecified	Diagnosis	ICD-10-CM
C05.0	Malignant neoplasm of hard palate	Diagnosis	ICD-10-CM
C05.1	Malignant neoplasm of soft palate	Diagnosis	ICD-10-CM
C05.2	Malignant neoplasm of uvula	Diagnosis	ICD-10-CM
C05.8	Malignant neoplasm of overlapping sites of palate	Diagnosis	ICD-10-CM
C05.9	Malignant neoplasm of palate, unspecified	Diagnosis	ICD-10-CM
C06.0	Malignant neoplasm of cheek mucosa	Diagnosis	ICD-10-CM
C06.1	Malignant neoplasm of vestibule of mouth	Diagnosis	ICD-10-CM
C06.2	Malignant neoplasm of retromolar area	Diagnosis	ICD-10-CM
C06.8	Malignant neoplasm of overlapping sites of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	Diagnosis	ICD-10-CM
C06.9	Malignant neoplasm of mouth, unspecified	Diagnosis	ICD-10-CM
C08.0	Malignant neoplasm of submandibular gland	Diagnosis	ICD-10-CM
C08.1	Malignant neoplasm of sublingual gland	Diagnosis	ICD-10-CM
C08.9	Malignant neoplasm of major salivary gland, unspecified	Diagnosis	ICD-10-CM
C09.0	Malignant neoplasm of tonsillar fossa	Diagnosis	ICD-10-CM
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	Diagnosis	ICD-10-CM
C09.8	Malignant neoplasm of overlapping sites of tonsil	Diagnosis	ICD-10-CM
C09.9	Malignant neoplasm of tonsil, unspecified	Diagnosis	ICD-10-CM
C10.0	Malignant neoplasm of vallecula	Diagnosis	ICD-10-CM
C10.1	Malignant neoplasm of anterior surface of epiglottis	Diagnosis	ICD-10-CM
C10.2	Malignant neoplasm of lateral wall of oropharynx	Diagnosis	ICD-10-CM
C10.3	Malignant neoplasm of posterior wall of oropharynx	Diagnosis	ICD-10-CM
C10.4	Malignant neoplasm of branchial cleft	Diagnosis	ICD-10-CM
C10.8	Malignant neoplasm of overlapping sites of oropharynx	Diagnosis	ICD-10-CM
C10.9	Malignant neoplasm of oropharynx, unspecified	Diagnosis	ICD-10-CM
C11.0	Malignant neoplasm of superior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.1	Malignant neoplasm of posterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.2	Malignant neoplasm of lateral wall of nasopharynx	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C11.3	Malignant neoplasm of anterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	Diagnosis	ICD-10-CM
C11.9	Malignant neoplasm of nasopharynx, unspecified	Diagnosis	ICD-10-CM
C13.0	Malignant neoplasm of postcricoid region	Diagnosis	ICD-10-CM
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	Diagnosis	ICD-10-CM
C13.2	Malignant neoplasm of posterior wall of hypopharynx	Diagnosis	ICD-10-CM
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	Diagnosis	ICD-10-CM
C13.9	Malignant neoplasm of hypopharynx, unspecified	Diagnosis	ICD-10-CM
C14.0	Malignant neoplasm of pharynx, unspecified	Diagnosis	ICD-10-CM
C14.2	Malignant neoplasm of Waldeyer's ring	Diagnosis	ICD-10-CM
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
C16.0	Malignant neoplasm of cardia	Diagnosis	ICD-10-CM
C16.1	Malignant neoplasm of fundus of stomach	Diagnosis	ICD-10-CM
C16.2	Malignant neoplasm of body of stomach	Diagnosis	ICD-10-CM
C16.3	Malignant neoplasm of pyloric antrum	Diagnosis	ICD-10-CM
C16.4	Malignant neoplasm of pylorus	Diagnosis	ICD-10-CM
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.8	Malignant neoplasm of overlapping sites of stomach	Diagnosis	ICD-10-CM
C16.9	Malignant neoplasm of stomach, unspecified	Diagnosis	ICD-10-CM
C17.0	Malignant neoplasm of duodenum	Diagnosis	ICD-10-CM
C17.1	Malignant neoplasm of jejunum	Diagnosis	ICD-10-CM
C17.2	Malignant neoplasm of ileum	Diagnosis	ICD-10-CM
C17.3	Meckel's diverticulum, malignant	Diagnosis	ICD-10-CM
C17.8	Malignant neoplasm of overlapping sites of small intestine	Diagnosis	ICD-10-CM
C17.9	Malignant neoplasm of small intestine, unspecified	Diagnosis	ICD-10-CM
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C22.0	Liver cell carcinoma	Diagnosis	ICD-10-CM
C22.1	Intrahepatic bile duct carcinoma	Diagnosis	ICD-10-CM
C22.2	Hepatoblastoma	Diagnosis	ICD-10-CM
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	Diagnosis	ICD-10-CM
C24.0	Malignant neoplasm of extrahepatic bile duct	Diagnosis	ICD-10-CM
C24.1	Malignant neoplasm of ampulla of Vater	Diagnosis	ICD-10-CM
C24.8	Malignant neoplasm of overlapping sites of biliary tract	Diagnosis	ICD-10-CM
C24.9	Malignant neoplasm of biliary tract, unspecified	Diagnosis	ICD-10-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
C26.0	Malignant neoplasm of intestinal tract, part unspecified	Diagnosis	ICD-10-CM
C26.1	Malignant neoplasm of spleen	Diagnosis	ICD-10-CM
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	Diagnosis	ICD-10-CM
C30.0	Malignant neoplasm of nasal cavity	Diagnosis	ICD-10-CM
C30.1	Malignant neoplasm of middle ear	Diagnosis	ICD-10-CM
C31.0	Malignant neoplasm of maxillary sinus	Diagnosis	ICD-10-CM
C31.1	Malignant neoplasm of ethmoidal sinus	Diagnosis	ICD-10-CM
C31.2	Malignant neoplasm of frontal sinus	Diagnosis	ICD-10-CM
C31.3	Malignant neoplasm of sphenoid sinus	Diagnosis	ICD-10-CM
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	Diagnosis	ICD-10-CM
C31.9	Malignant neoplasm of accessory sinus, unspecified	Diagnosis	ICD-10-CM
C32.0	Malignant neoplasm of glottis	Diagnosis	ICD-10-CM
C32.1	Malignant neoplasm of supraglottis	Diagnosis	ICD-10-CM
C32.2	Malignant neoplasm of subglottis	Diagnosis	ICD-10-CM
C32.3	Malignant neoplasm of laryngeal cartilage	Diagnosis	ICD-10-CM
C32.8	Malignant neoplasm of overlapping sites of larynx	Diagnosis	ICD-10-CM
C32.9	Malignant neoplasm of larynx, unspecified	Diagnosis	ICD-10-CM
C34.0	Malignant neoplasm of main bronchus	Diagnosis	ICD-10-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.1	Malignant neoplasm of upper lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.3	Malignant neoplasm of lower lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.8	Malignant neoplasm of overlapping sites of bronchus and lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.9	Malignant neoplasm of unspecified part of bronchus or lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
C38.0	Malignant neoplasm of heart	Diagnosis	ICD-10-CM
C38.1	Malignant neoplasm of anterior mediastinum	Diagnosis	ICD-10-CM
C38.2	Malignant neoplasm of posterior mediastinum	Diagnosis	ICD-10-CM
C38.3	Malignant neoplasm of mediastinum, part unspecified	Diagnosis	ICD-10-CM
C38.4	Malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C40.0	Malignant neoplasm of scapula and long bones of upper limb	Diagnosis	ICD-10-CM
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	Diagnosis	ICD-10-CM
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	Diagnosis	ICD-10-CM
C40.1	Malignant neoplasm of short bones of upper limb	Diagnosis	ICD-10-CM
C40.10	Malignant neoplasm of short bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.11	Malignant neoplasm of short bones of right upper limb	Diagnosis	ICD-10-CM
C40.12	Malignant neoplasm of short bones of left upper limb	Diagnosis	ICD-10-CM
C40.2	Malignant neoplasm of long bones of lower limb	Diagnosis	ICD-10-CM
C40.20	Malignant neoplasm of long bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.21	Malignant neoplasm of long bones of right lower limb	Diagnosis	ICD-10-CM
C40.22	Malignant neoplasm of long bones of left lower limb	Diagnosis	ICD-10-CM
C40.3	Malignant neoplasm of short bones of lower limb	Diagnosis	ICD-10-CM
C40.30	Malignant neoplasm of short bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.31	Malignant neoplasm of short bones of right lower limb	Diagnosis	ICD-10-CM
C40.32	Malignant neoplasm of short bones of left lower limb	Diagnosis	ICD-10-CM
C40.8	Malignant neoplasm of overlapping sites of bone and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	Diagnosis	ICD-10-CM
C40.9	Malignant neoplasm of unspecified bones and articular cartilage of limb	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	Diagnosis	ICD-10-CM
C41.0	Malignant neoplasm of bones of skull and face	Diagnosis	ICD-10-CM
C41.1	Malignant neoplasm of mandible	Diagnosis	ICD-10-CM
C41.2	Malignant neoplasm of vertebral column	Diagnosis	ICD-10-CM
C41.3	Malignant neoplasm of ribs, sternum and clavicle	Diagnosis	ICD-10-CM
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	Diagnosis	ICD-10-CM
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	Diagnosis	ICD-10-CM
C43.0	Malignant melanoma of lip	Diagnosis	ICD-10-CM
C43.1	Malignant melanoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C43.10	Malignant melanoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C43.11	Malignant melanoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C43.111	Malignant melanoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.112	Malignant melanoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.12	Malignant melanoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C43.121	Malignant melanoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.122	Malignant melanoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.2	Malignant melanoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C43.20	Malignant melanoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C43.21	Malignant melanoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C43.22	Malignant melanoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C43.3	Malignant melanoma of other and unspecified parts of face	Diagnosis	ICD-10-CM
C43.30	Malignant melanoma of unspecified part of face	Diagnosis	ICD-10-CM
C43.31	Malignant melanoma of nose	Diagnosis	ICD-10-CM
C43.39	Malignant melanoma of other parts of face	Diagnosis	ICD-10-CM
C43.4	Malignant melanoma of scalp and neck	Diagnosis	ICD-10-CM
C43.5	Malignant melanoma of trunk	Diagnosis	ICD-10-CM
C43.51	Malignant melanoma of anal skin	Diagnosis	ICD-10-CM
C43.52	Malignant melanoma of skin of breast	Diagnosis	ICD-10-CM
C43.59	Malignant melanoma of other part of trunk	Diagnosis	ICD-10-CM
C43.6	Malignant melanoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.61	Malignant melanoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.62	Malignant melanoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.7	Malignant melanoma of lower limb, including hip	Diagnosis	ICD-10-CM
C43.70	Malignant melanoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C43.71	Malignant melanoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C43.72	Malignant melanoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C43.8	Malignant melanoma of overlapping sites of skin	Diagnosis	ICD-10-CM
C43.9	Malignant melanoma of skin, unspecified	Diagnosis	ICD-10-CM
C45.0	Mesothelioma of pleura	Diagnosis	ICD-10-CM
C45.1	Mesothelioma of peritoneum	Diagnosis	ICD-10-CM
C45.2	Mesothelioma of pericardium	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C45.7	Mesothelioma of other sites	Diagnosis	ICD-10-CM
C45.9	Mesothelioma, unspecified	Diagnosis	ICD-10-CM
C46.0	Kaposi's sarcoma of skin	Diagnosis	ICD-10-CM
C46.1	Kaposi's sarcoma of soft tissue	Diagnosis	ICD-10-CM
C46.2	Kaposi's sarcoma of palate	Diagnosis	ICD-10-CM
C46.3	Kaposi's sarcoma of lymph nodes	Diagnosis	ICD-10-CM
C46.4	Kaposi's sarcoma of gastrointestinal sites	Diagnosis	ICD-10-CM
C46.5	Kaposi's sarcoma of lung	Diagnosis	ICD-10-CM
C46.50	Kaposi's sarcoma of unspecified lung	Diagnosis	ICD-10-CM
C46.51	Kaposi's sarcoma of right lung	Diagnosis	ICD-10-CM
C46.52	Kaposi's sarcoma of left lung	Diagnosis	ICD-10-CM
C46.7	Kaposi's sarcoma of other sites	Diagnosis	ICD-10-CM
C46.9	Kaposi's sarcoma, unspecified	Diagnosis	ICD-10-CM
C47.0	Malignant neoplasm of peripheral nerves of head, face and neck	Diagnosis	ICD-10-CM
C47.1	Malignant neoplasm of peripheral nerves of upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.10	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.11	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.12	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.2	Malignant neoplasm of peripheral nerves of lower limb, including hip	Diagnosis	ICD-10-CM
C47.20	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C47.21	Malignant neoplasm of peripheral nerves of right lower limb, including hip	Diagnosis	ICD-10-CM
C47.22	Malignant neoplasm of peripheral nerves of left lower limb, including hip	Diagnosis	ICD-10-CM
C47.3	Malignant neoplasm of peripheral nerves of thorax	Diagnosis	ICD-10-CM
C47.4	Malignant neoplasm of peripheral nerves of abdomen	Diagnosis	ICD-10-CM
C47.5	Malignant neoplasm of peripheral nerves of pelvis	Diagnosis	ICD-10-CM
C47.6	Malignant neoplasm of peripheral nerves of trunk, unspecified	Diagnosis	ICD-10-CM
C47.8	Malignant neoplasm of overlapping sites of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified	Diagnosis	ICD-10-CM
C48.0	Malignant neoplasm of retroperitoneum	Diagnosis	ICD-10-CM
C48.1	Malignant neoplasm of specified parts of peritoneum	Diagnosis	ICD-10-CM
C48.2	Malignant neoplasm of peritoneum, unspecified	Diagnosis	ICD-10-CM
C48.8	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C49.0	Malignant neoplasm of connective and soft tissue of head, face and neck	Diagnosis	ICD-10-CM
C49.1	Malignant neoplasm of connective and soft tissue of upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.10	Malignant neoplasm of connective and soft tissue of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.11	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.12	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C49.2	Malignant neoplasm of connective and soft tissue of lower limb, including hip	Diagnosis	ICD-10-CM
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	Diagnosis	ICD-10-CM
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	Diagnosis	ICD-10-CM
C49.3	Malignant neoplasm of connective and soft tissue of thorax	Diagnosis	ICD-10-CM
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	Diagnosis	ICD-10-CM
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	Diagnosis	ICD-10-CM
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	Diagnosis	ICD-10-CM
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	Diagnosis	ICD-10-CM
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	Diagnosis	ICD-10-CM
C49.A	Gastrointestinal stromal tumor	Diagnosis	ICD-10-CM
C49.A0	Gastrointestinal stromal tumor, unspecified site	Diagnosis	ICD-10-CM
C49.A1	Gastrointestinal stromal tumor of esophagus	Diagnosis	ICD-10-CM
C49.A2	Gastrointestinal stromal tumor of stomach	Diagnosis	ICD-10-CM
C49.A3	Gastrointestinal stromal tumor of small intestine	Diagnosis	ICD-10-CM
C49.A4	Gastrointestinal stromal tumor of large intestine	Diagnosis	ICD-10-CM
C49.A5	Gastrointestinal stromal tumor of rectum	Diagnosis	ICD-10-CM
C49.A9	Gastrointestinal stromal tumor of other sites	Diagnosis	ICD-10-CM
C50.0	Malignant neoplasm of nipple and areola	Diagnosis	ICD-10-CM
C50.01	Malignant neoplasm of nipple and areola, female	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.02	Malignant neoplasm of nipple and areola, male	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.1	Malignant neoplasm of central portion of breast	Diagnosis	ICD-10-CM
C50.11	Malignant neoplasm of central portion of breast, female	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.12	Malignant neoplasm of central portion of breast, male	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.2	Malignant neoplasm of upper-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.21	Malignant neoplasm of upper-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.22	Malignant neoplasm of upper-inner quadrant of breast, male	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.3	Malignant neoplasm of lower-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.31	Malignant neoplasm of lower-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.32	Malignant neoplasm of lower-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.4	Malignant neoplasm of upper-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.41	Malignant neoplasm of upper-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.42	Malignant neoplasm of upper-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.5	Malignant neoplasm of lower-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.51	Malignant neoplasm of lower-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.52	Malignant neoplasm of lower-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.6	Malignant neoplasm of axillary tail of breast	Diagnosis	ICD-10-CM
C50.61	Malignant neoplasm of axillary tail of breast, female	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.62	Malignant neoplasm of axillary tail of breast, male	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.8	Malignant neoplasm of overlapping sites of breast	Diagnosis	ICD-10-CM
C50.81	Malignant neoplasm of overlapping sites of breast, female	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.82	Malignant neoplasm of overlapping sites of breast, male	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.9	Malignant neoplasm of breast of unspecified site	Diagnosis	ICD-10-CM
C50.91	Malignant neoplasm of breast of unspecified site, female	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.92	Malignant neoplasm of breast of unspecified site, male	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C51.0	Malignant neoplasm of labium majus	Diagnosis	ICD-10-CM
C51.1	Malignant neoplasm of labium minus	Diagnosis	ICD-10-CM
C51.2	Malignant neoplasm of clitoris	Diagnosis	ICD-10-CM
C51.8	Malignant neoplasm of overlapping sites of vulva	Diagnosis	ICD-10-CM
C51.9	Malignant neoplasm of vulva, unspecified	Diagnosis	ICD-10-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C56.1	Malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C56.2	Malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C56.3	Malignant neoplasm of bilateral ovaries	Diagnosis	ICD-10-CM
C56.9	Malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C57.0	Malignant neoplasm of fallopian tube	Diagnosis	ICD-10-CM
C57.00	Malignant neoplasm of unspecified fallopian tube	Diagnosis	ICD-10-CM
C57.01	Malignant neoplasm of right fallopian tube	Diagnosis	ICD-10-CM
C57.02	Malignant neoplasm of left fallopian tube	Diagnosis	ICD-10-CM
C57.1	Malignant neoplasm of broad ligament	Diagnosis	ICD-10-CM
C57.10	Malignant neoplasm of unspecified broad ligament	Diagnosis	ICD-10-CM
C57.11	Malignant neoplasm of right broad ligament	Diagnosis	ICD-10-CM
C57.12	Malignant neoplasm of left broad ligament	Diagnosis	ICD-10-CM
C57.2	Malignant neoplasm of round ligament	Diagnosis	ICD-10-CM
C57.20	Malignant neoplasm of unspecified round ligament	Diagnosis	ICD-10-CM
C57.21	Malignant neoplasm of right round ligament	Diagnosis	ICD-10-CM
C57.22	Malignant neoplasm of left round ligament	Diagnosis	ICD-10-CM
C57.3	Malignant neoplasm of parametrium	Diagnosis	ICD-10-CM
C57.4	Malignant neoplasm of uterine adnexa, unspecified	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C57.7	Malignant neoplasm of other specified female genital organs	Diagnosis	ICD-10-CM
C57.8	Malignant neoplasm of overlapping sites of female genital organs	Diagnosis	ICD-10-CM
C57.9	Malignant neoplasm of female genital organ, unspecified	Diagnosis	ICD-10-CM
C60.0	Malignant neoplasm of prepuce	Diagnosis	ICD-10-CM
C60.1	Malignant neoplasm of glans penis	Diagnosis	ICD-10-CM
C60.2	Malignant neoplasm of body of penis	Diagnosis	ICD-10-CM
C60.8	Malignant neoplasm of overlapping sites of penis	Diagnosis	ICD-10-CM
C60.9	Malignant neoplasm of penis, unspecified	Diagnosis	ICD-10-CM
C62.0	Malignant neoplasm of undescended testis	Diagnosis	ICD-10-CM
C62.00	Malignant neoplasm of unspecified undescended testis	Diagnosis	ICD-10-CM
C62.01	Malignant neoplasm of undescended right testis	Diagnosis	ICD-10-CM
C62.02	Malignant neoplasm of undescended left testis	Diagnosis	ICD-10-CM
C62.1	Malignant neoplasm of descended testis	Diagnosis	ICD-10-CM
C62.10	Malignant neoplasm of unspecified descended testis	Diagnosis	ICD-10-CM
C62.11	Malignant neoplasm of descended right testis	Diagnosis	ICD-10-CM
C62.12	Malignant neoplasm of descended left testis	Diagnosis	ICD-10-CM
C62.9	Malignant neoplasm of testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C63.0	Malignant neoplasm of epididymis	Diagnosis	ICD-10-CM
C63.00	Malignant neoplasm of unspecified epididymis	Diagnosis	ICD-10-CM
C63.01	Malignant neoplasm of right epididymis	Diagnosis	ICD-10-CM
C63.02	Malignant neoplasm of left epididymis	Diagnosis	ICD-10-CM
C63.1	Malignant neoplasm of spermatic cord	Diagnosis	ICD-10-CM
C63.10	Malignant neoplasm of unspecified spermatic cord	Diagnosis	ICD-10-CM
C63.11	Malignant neoplasm of right spermatic cord	Diagnosis	ICD-10-CM
C63.12	Malignant neoplasm of left spermatic cord	Diagnosis	ICD-10-CM
C63.2	Malignant neoplasm of scrotum	Diagnosis	ICD-10-CM
C63.7	Malignant neoplasm of other specified male genital organs	Diagnosis	ICD-10-CM
C63.8	Malignant neoplasm of overlapping sites of male genital organs	Diagnosis	ICD-10-CM
C63.9	Malignant neoplasm of male genital organ, unspecified	Diagnosis	ICD-10-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
C66.1	Malignant neoplasm of right ureter	Diagnosis	ICD-10-CM
C66.2	Malignant neoplasm of left ureter	Diagnosis	ICD-10-CM
C66.9	Malignant neoplasm of unspecified ureter	Diagnosis	ICD-10-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM
C68.0	Malignant neoplasm of urethra	Diagnosis	ICD-10-CM
C68.1	Malignant neoplasm of paraurethral glands	Diagnosis	ICD-10-CM
C68.8	Malignant neoplasm of overlapping sites of urinary organs	Diagnosis	ICD-10-CM
C68.9	Malignant neoplasm of urinary organ, unspecified	Diagnosis	ICD-10-CM
C69.0	Malignant neoplasm of conjunctiva	Diagnosis	ICD-10-CM
C69.00	Malignant neoplasm of unspecified conjunctiva	Diagnosis	ICD-10-CM
C69.01	Malignant neoplasm of right conjunctiva	Diagnosis	ICD-10-CM
C69.02	Malignant neoplasm of left conjunctiva	Diagnosis	ICD-10-CM
C69.1	Malignant neoplasm of cornea	Diagnosis	ICD-10-CM
C69.10	Malignant neoplasm of unspecified cornea	Diagnosis	ICD-10-CM
C69.11	Malignant neoplasm of right cornea	Diagnosis	ICD-10-CM
C69.12	Malignant neoplasm of left cornea	Diagnosis	ICD-10-CM
C69.2	Malignant neoplasm of retina	Diagnosis	ICD-10-CM
C69.20	Malignant neoplasm of unspecified retina	Diagnosis	ICD-10-CM
C69.21	Malignant neoplasm of right retina	Diagnosis	ICD-10-CM
C69.22	Malignant neoplasm of left retina	Diagnosis	ICD-10-CM
C69.3	Malignant neoplasm of choroid	Diagnosis	ICD-10-CM
C69.30	Malignant neoplasm of unspecified choroid	Diagnosis	ICD-10-CM
C69.31	Malignant neoplasm of right choroid	Diagnosis	ICD-10-CM
C69.32	Malignant neoplasm of left choroid	Diagnosis	ICD-10-CM
C69.4	Malignant neoplasm of ciliary body	Diagnosis	ICD-10-CM
C69.40	Malignant neoplasm of unspecified ciliary body	Diagnosis	ICD-10-CM
C69.41	Malignant neoplasm of right ciliary body	Diagnosis	ICD-10-CM
C69.42	Malignant neoplasm of left ciliary body	Diagnosis	ICD-10-CM
C69.5	Malignant neoplasm of lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.51	Malignant neoplasm of right lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.52	Malignant neoplasm of left lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.6	Malignant neoplasm of orbit	Diagnosis	ICD-10-CM
C69.60	Malignant neoplasm of unspecified orbit	Diagnosis	ICD-10-CM
C69.61	Malignant neoplasm of right orbit	Diagnosis	ICD-10-CM
C69.62	Malignant neoplasm of left orbit	Diagnosis	ICD-10-CM
C69.8	Malignant neoplasm of overlapping sites of eye and adnexa	Diagnosis	ICD-10-CM
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	Diagnosis	ICD-10-CM
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	Diagnosis	ICD-10-CM
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C69.9	Malignant neoplasm of unspecified site of eye	Diagnosis	ICD-10-CM
C69.90	Malignant neoplasm of unspecified site of unspecified eye	Diagnosis	ICD-10-CM
C69.91	Malignant neoplasm of unspecified site of right eye	Diagnosis	ICD-10-CM
C69.92	Malignant neoplasm of unspecified site of left eye	Diagnosis	ICD-10-CM
C70.0	Malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C70.1	Malignant neoplasm of spinal meninges	Diagnosis	ICD-10-CM
C70.9	Malignant neoplasm of meninges, unspecified	Diagnosis	ICD-10-CM
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	Diagnosis	ICD-10-CM
C71.1	Malignant neoplasm of frontal lobe	Diagnosis	ICD-10-CM
C71.2	Malignant neoplasm of temporal lobe	Diagnosis	ICD-10-CM
C71.3	Malignant neoplasm of parietal lobe	Diagnosis	ICD-10-CM
C71.4	Malignant neoplasm of occipital lobe	Diagnosis	ICD-10-CM
C71.5	Malignant neoplasm of cerebral ventricle	Diagnosis	ICD-10-CM
C71.6	Malignant neoplasm of cerebellum	Diagnosis	ICD-10-CM
C71.7	Malignant neoplasm of brain stem	Diagnosis	ICD-10-CM
C71.8	Malignant neoplasm of overlapping sites of brain	Diagnosis	ICD-10-CM
C71.9	Malignant neoplasm of brain, unspecified	Diagnosis	ICD-10-CM
C72.0	Malignant neoplasm of spinal cord	Diagnosis	ICD-10-CM
C72.1	Malignant neoplasm of cauda equina	Diagnosis	ICD-10-CM
C72.2	Malignant neoplasm of olfactory nerve	Diagnosis	ICD-10-CM
C72.20	Malignant neoplasm of unspecified olfactory nerve	Diagnosis	ICD-10-CM
C72.21	Malignant neoplasm of right olfactory nerve	Diagnosis	ICD-10-CM
C72.22	Malignant neoplasm of left olfactory nerve	Diagnosis	ICD-10-CM
C72.3	Malignant neoplasm of optic nerve	Diagnosis	ICD-10-CM
C72.30	Malignant neoplasm of unspecified optic nerve	Diagnosis	ICD-10-CM
C72.31	Malignant neoplasm of right optic nerve	Diagnosis	ICD-10-CM
C72.32	Malignant neoplasm of left optic nerve	Diagnosis	ICD-10-CM
C72.4	Malignant neoplasm of acoustic nerve	Diagnosis	ICD-10-CM
C72.40	Malignant neoplasm of unspecified acoustic nerve	Diagnosis	ICD-10-CM
C72.41	Malignant neoplasm of right acoustic nerve	Diagnosis	ICD-10-CM
C72.42	Malignant neoplasm of left acoustic nerve	Diagnosis	ICD-10-CM
C72.5	Malignant neoplasm of other and unspecified cranial nerves	Diagnosis	ICD-10-CM
C72.50	Malignant neoplasm of unspecified cranial nerve	Diagnosis	ICD-10-CM
C72.59	Malignant neoplasm of other cranial nerves	Diagnosis	ICD-10-CM
C72.9	Malignant neoplasm of central nervous system, unspecified	Diagnosis	ICD-10-CM
C74.0	Malignant neoplasm of cortex of adrenal gland	Diagnosis	ICD-10-CM
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.01	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.1	Malignant neoplasm of medulla of adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.9	Malignant neoplasm of unspecified part of adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
C76.0	Malignant neoplasm of head, face and neck	Diagnosis	ICD-10-CM
C76.1	Malignant neoplasm of thorax	Diagnosis	ICD-10-CM
C76.2	Malignant neoplasm of abdomen	Diagnosis	ICD-10-CM
C76.3	Malignant neoplasm of pelvis	Diagnosis	ICD-10-CM
C76.4	Malignant neoplasm of upper limb	Diagnosis	ICD-10-CM
C76.40	Malignant neoplasm of unspecified upper limb	Diagnosis	ICD-10-CM
C76.41	Malignant neoplasm of right upper limb	Diagnosis	ICD-10-CM
C76.42	Malignant neoplasm of left upper limb	Diagnosis	ICD-10-CM
C76.5	Malignant neoplasm of lower limb	Diagnosis	ICD-10-CM
C76.50	Malignant neoplasm of unspecified lower limb	Diagnosis	ICD-10-CM
C76.51	Malignant neoplasm of right lower limb	Diagnosis	ICD-10-CM
C76.52	Malignant neoplasm of left lower limb	Diagnosis	ICD-10-CM
C76.8	Malignant neoplasm of other specified ill-defined sites	Diagnosis	ICD-10-CM
C81.0	Nodular lymphocyte predominant Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.1	Nodular sclerosis Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.2	Mixed cellularity Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.20	Mixed cellularity Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.21	Mixed cellularity Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.22	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.23	Mixed cellularity Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.24	Mixed cellularity Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.25	Mixed cellularity Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.26	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.27	Mixed cellularity Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.28	Mixed cellularity Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.29	Mixed cellularity Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.3	Lymphocyte depleted Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.30	Lymphocyte depleted Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.31	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.32	Lymphocyte depleted Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.33	Lymphocyte depleted Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.34	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.35	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.36	Lymphocyte depleted Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.37	Lymphocyte depleted Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.38	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.39	Lymphocyte depleted Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.4	Lymphocyte-rich Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.40	Lymphocyte-rich Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.41	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.42	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.43	Lymphocyte-rich Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.44	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.45	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.46	Lymphocyte-rich Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.7	Other Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.70	Other Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.77	Other Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.9	Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C81.90	Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.97	Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.0	Follicular lymphoma grade I	Diagnosis	ICD-10-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.1	Follicular lymphoma grade II	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.2	Follicular lymphoma grade III, unspecified	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.3	Follicular lymphoma grade IIIa	Diagnosis	ICD-10-CM
C82.30	Follicular lymphoma grade IIIa, unspecified site	Diagnosis	ICD-10-CM
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.4	Follicular lymphoma grade IIIb	Diagnosis	ICD-10-CM
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.5	Diffuse follicle center lymphoma	Diagnosis	ICD-10-CM
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.6	Cutaneous follicle center lymphoma	Diagnosis	ICD-10-CM
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.8	Other types of follicular lymphoma	Diagnosis	ICD-10-CM
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.87	Other types of follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.9	Follicular lymphoma, unspecified	Diagnosis	ICD-10-CM
C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.0	Small cell B-cell lymphoma	Diagnosis	ICD-10-CM
C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.1	Mantle cell lymphoma	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.3	Diffuse large B-cell lymphoma	Diagnosis	ICD-10-CM
C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.5	Lymphoblastic (diffuse) lymphoma	Diagnosis	ICD-10-CM
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.7	Burkitt lymphoma	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.8	Other non-follicular lymphoma	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.9	Non-follicular (diffuse) lymphoma, unspecified	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.0	Mycosis fungoides	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.1	Sezary disease	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.4	Peripheral T-cell lymphoma, not elsewhere classified	Diagnosis	ICD-10-CM
C84.40	Peripheral T-cell lymphoma, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM
C84.41	Peripheral T-cell lymphoma, not elsewhere classified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.42	Peripheral T-cell lymphoma, not elsewhere classified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.43	Peripheral T-cell lymphoma, not elsewhere classified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.44	Peripheral T-cell lymphoma, not elsewhere classified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.45	Peripheral T-cell lymphoma, not elsewhere classified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.46	Peripheral T-cell lymphoma, not elsewhere classified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.47	Peripheral T-cell lymphoma, not elsewhere classified, spleen	Diagnosis	ICD-10-CM
C84.48	Peripheral T-cell lymphoma, not elsewhere classified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.49	Peripheral T-cell lymphoma, not elsewhere classified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.6	Anaplastic large cell lymphoma, ALK-positive	Diagnosis	ICD-10-CM
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	Diagnosis	ICD-10-CM
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	Diagnosis	ICD-10-CM
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.7	Anaplastic large cell lymphoma, ALK-negative	Diagnosis	ICD-10-CM
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	Diagnosis	ICD-10-CM
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	Diagnosis	ICD-10-CM
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.7A	Anaplastic large cell lymphoma, ALK-negative, breast	Diagnosis	ICD-10-CM
C84.9	Mature T/NK-cell lymphomas, unspecified	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A	Cutaneous T-cell lymphoma, unspecified	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z	Other mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.1	Unspecified B-cell lymphoma	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.2	Mediastinal (thymic) large B-cell lymphoma	Diagnosis	ICD-10-CM
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.8	Other specified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.9	Non-Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
C86.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
C88.0	Waldenstrom macroglobulinemia	Diagnosis	ICD-10-CM
C88.2	Heavy chain disease	Diagnosis	ICD-10-CM
C88.3	Immunoproliferative small intestinal disease	Diagnosis	ICD-10-CM
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C88.8	Other malignant immunoproliferative diseases	Diagnosis	ICD-10-CM
C88.9	Malignant immunoproliferative disease, unspecified	Diagnosis	ICD-10-CM
C90.0	Multiple myeloma	Diagnosis	ICD-10-CM
C90.00	Multiple myeloma not having achieved remission	Diagnosis	ICD-10-CM
C90.01	Multiple myeloma in remission	Diagnosis	ICD-10-CM
C90.02	Multiple myeloma in relapse	Diagnosis	ICD-10-CM
C90.1	Plasma cell leukemia	Diagnosis	ICD-10-CM
C90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM
C90.12	Plasma cell leukemia in relapse	Diagnosis	ICD-10-CM
C90.2	Extramedullary plasmacytoma	Diagnosis	ICD-10-CM
C90.20	Extramedullary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.21	Extramedullary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.22	Extramedullary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C90.3	Solitary plasmacytoma	Diagnosis	ICD-10-CM
C90.30	Solitary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.31	Solitary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.32	Solitary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C91.0	Acute lymphoblastic leukemia [ALL]	Diagnosis	ICD-10-CM
C91.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C91.02	Acute lymphoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C91.1	Chronic lymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	Diagnosis	ICD-10-CM
C91.3	Prolymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	Diagnosis	ICD-10-CM
C91.4	Hairy cell leukemia	Diagnosis	ICD-10-CM
C91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
C91.42	Hairy cell leukemia, in relapse	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C91.5	Adult T-cell lymphoma/leukemia (HTLV-1-associated)	Diagnosis	ICD-10-CM
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	Diagnosis	ICD-10-CM
C91.6	Prolymphocytic leukemia of T-cell type	Diagnosis	ICD-10-CM
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	Diagnosis	ICD-10-CM
C91.9	Lymphoid leukemia, unspecified	Diagnosis	ICD-10-CM
C91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C91.92	Lymphoid leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C91.A	Mature B-cell leukemia Burkitt-type	Diagnosis	ICD-10-CM
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	Diagnosis	ICD-10-CM
C91.Z	Other lymphoid leukemia	Diagnosis	ICD-10-CM
C91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
C91.Z2	Other lymphoid leukemia, in relapse	Diagnosis	ICD-10-CM
C92.0	Acute myeloblastic leukemia	Diagnosis	ICD-10-CM
C92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM
C92.02	Acute myeloblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.1	Chronic myeloid leukemia, BCR/ABL-positive	Diagnosis	ICD-10-CM
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	Diagnosis	ICD-10-CM
C92.2	Atypical chronic myeloid leukemia, BCR/ABL-negative	Diagnosis	ICD-10-CM
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	Diagnosis	ICD-10-CM
C92.3	Myeloid sarcoma	Diagnosis	ICD-10-CM
C92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
C92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM
C92.32	Myeloid sarcoma, in relapse	Diagnosis	ICD-10-CM
C92.4	Acute promyelocytic leukemia	Diagnosis	ICD-10-CM
C92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.42	Acute promyelocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.5	Acute myelomonocytic leukemia	Diagnosis	ICD-10-CM
C92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C92.52	Acute myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.6	Acute myeloid leukemia with 11q23-abnormality	Diagnosis	ICD-10-CM
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Diagnosis	ICD-10-CM
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	Diagnosis	ICD-10-CM
C92.9	Myeloid leukemia, unspecified	Diagnosis	ICD-10-CM
C92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C92.92	Myeloid leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C92.A	Acute myeloid leukemia with multilineage dysplasia	Diagnosis	ICD-10-CM
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	Diagnosis	ICD-10-CM
C92.Z	Other myeloid leukemia	Diagnosis	ICD-10-CM
C92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
C92.Z2	Other myeloid leukemia, in relapse	Diagnosis	ICD-10-CM
C93.0	Acute monoblastic/monocytic leukemia	Diagnosis	ICD-10-CM
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.02	Acute monoblastic/monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.1	Chronic myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.12	Chronic myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.3	Juvenile myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.32	Juvenile myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.9	Monocytic leukemia, unspecified	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C93.92	Monocytic leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C93.Z	Other monocytic leukemia	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.Z2	Other monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.0	Acute erythroid leukemia	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.02	Acute erythroid leukemia, in relapse	Diagnosis	ICD-10-CM
C94.2	Acute megakaryoblastic leukemia	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
C94.22	Acute megakaryoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.3	Mast cell leukemia	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.32	Mast cell leukemia, in relapse	Diagnosis	ICD-10-CM
C94.8	Other specified leukemias	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C94.82	Other specified leukemias, in relapse	Diagnosis	ICD-10-CM
C95.0	Acute leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.02	Acute leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.1	Chronic leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.12	Chronic leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.9	Leukemia, unspecified	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C95.92	Leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.2	Malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.20	Malignant mast cell neoplasm, unspecified	Diagnosis	ICD-10-CM
C96.21	Aggressive systemic mastocytosis	Diagnosis	ICD-10-CM
C96.22	Mast cell sarcoma	Diagnosis	ICD-10-CM
C96.29	Other malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.A	Histiocytic sarcoma	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
D45	Polycythemia vera	Diagnosis	ICD-10-CM
Asthma			
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.990	Exercise induced bronchospasm	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
Cardiovascular Conditions			
I01.0	Acute rheumatic pericarditis	Diagnosis	ICD-10-CM
I01.1	Acute rheumatic endocarditis	Diagnosis	ICD-10-CM
I01.2	Acute rheumatic myocarditis	Diagnosis	ICD-10-CM
I01.8	Other acute rheumatic heart disease	Diagnosis	ICD-10-CM
I01.9	Acute rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I02.0	Rheumatic chorea with heart involvement	Diagnosis	ICD-10-CM
I02.9	Rheumatic chorea without heart involvement	Diagnosis	ICD-10-CM
I05.0	Rheumatic mitral stenosis	Diagnosis	ICD-10-CM
I05.1	Rheumatic mitral insufficiency	Diagnosis	ICD-10-CM
I05.2	Rheumatic mitral stenosis with insufficiency	Diagnosis	ICD-10-CM
I05.8	Other rheumatic mitral valve diseases	Diagnosis	ICD-10-CM
I05.9	Rheumatic mitral valve disease, unspecified	Diagnosis	ICD-10-CM
I06.0	Rheumatic aortic stenosis	Diagnosis	ICD-10-CM
I06.1	Rheumatic aortic insufficiency	Diagnosis	ICD-10-CM
I06.2	Rheumatic aortic stenosis with insufficiency	Diagnosis	ICD-10-CM
I06.8	Other rheumatic aortic valve diseases	Diagnosis	ICD-10-CM
I06.9	Rheumatic aortic valve disease, unspecified	Diagnosis	ICD-10-CM
I07.0	Rheumatic tricuspid stenosis	Diagnosis	ICD-10-CM
I07.1	Rheumatic tricuspid insufficiency	Diagnosis	ICD-10-CM
I07.2	Rheumatic tricuspid stenosis and insufficiency	Diagnosis	ICD-10-CM
I07.8	Other rheumatic tricuspid valve diseases	Diagnosis	ICD-10-CM
I07.9	Rheumatic tricuspid valve disease, unspecified	Diagnosis	ICD-10-CM
I08.0	Rheumatic disorders of both mitral and aortic valves	Diagnosis	ICD-10-CM
I08.1	Rheumatic disorders of both mitral and tricuspid valves	Diagnosis	ICD-10-CM
I08.2	Rheumatic disorders of both aortic and tricuspid valves	Diagnosis	ICD-10-CM
I08.3	Combined rheumatic disorders of mitral, aortic and tricuspid valves	Diagnosis	ICD-10-CM
I08.8	Other rheumatic multiple valve diseases	Diagnosis	ICD-10-CM
I08.9	Rheumatic multiple valve disease, unspecified	Diagnosis	ICD-10-CM
I09.0	Rheumatic myocarditis	Diagnosis	ICD-10-CM
I09.1	Rheumatic diseases of endocardium, valve unspecified	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I09.2	Chronic rheumatic pericarditis	Diagnosis	ICD-10-CM
I09.8	Other specified rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I09.89	Other specified rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.9	Rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.1	Hypertensive heart and chronic kidney disease without heart failure	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I16.0	Hypertensive urgency	Diagnosis	ICD-10-CM
I16.1	Hypertensive emergency	Diagnosis	ICD-10-CM
I16.9	Hypertensive crisis, unspecified	Diagnosis	ICD-10-CM
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.2	Refractory angina pectoris	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
I21.0	ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
I21.1	ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.2	ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A	Other type of myocardial infarction	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I24.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I25.1	Atherosclerotic heart disease of native coronary artery	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.11	Atherosclerotic heart disease of native coronary artery with angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.112	Atherosclerotic heart disease of native coronary artery with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.2	Old myocardial infarction	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.4	Coronary artery aneurysm and dissection	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.702	Atherosclerosis of coronary artery bypass graft(s), unspecified, with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.712	Atherosclerosis of autologous vein coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.722	Atherosclerosis of autologous artery coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.732	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.752	Atherosclerosis of native coronary artery of transplanted heart with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.762	Atherosclerosis of bypass graft of coronary artery of transplanted heart with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.792	Atherosclerosis of other coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.8	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.81	Atherosclerosis of other coronary vessels without angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I26.0	Pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.01	Septic pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.09	Other pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.9	Pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.90	Septic pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.92	Saddle embolus of pulmonary artery without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.93	Single subsegmental pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.94	Multiple subsegmental pulmonary emboli without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.99	Other pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I27.0	Primary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.1	Kyphoscoliotic heart disease	Diagnosis	ICD-10-CM
I27.2	Other secondary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.20	Pulmonary hypertension, unspecified	Diagnosis	ICD-10-CM
I27.21	Secondary pulmonary arterial hypertension	Diagnosis	ICD-10-CM
I27.22	Pulmonary hypertension due to left heart disease	Diagnosis	ICD-10-CM
I27.23	Pulmonary hypertension due to lung diseases and hypoxia	Diagnosis	ICD-10-CM
I27.24	Chronic thromboembolic pulmonary hypertension	Diagnosis	ICD-10-CM
I27.29	Other secondary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.8	Other specified pulmonary heart diseases	Diagnosis	ICD-10-CM
I27.81	Cor pulmonale (chronic)	Diagnosis	ICD-10-CM
I27.82	Chronic pulmonary embolism	Diagnosis	ICD-10-CM
I27.83	Eisenmenger's syndrome	Diagnosis	ICD-10-CM
I27.89	Other specified pulmonary heart diseases	Diagnosis	ICD-10-CM
I27.9	Pulmonary heart disease, unspecified	Diagnosis	ICD-10-CM
I28.0	Arteriovenous fistula of pulmonary vessels	Diagnosis	ICD-10-CM
I28.1	Aneurysm of pulmonary artery	Diagnosis	ICD-10-CM
I28.8	Other diseases of pulmonary vessels	Diagnosis	ICD-10-CM
I28.9	Disease of pulmonary vessels, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I30.0	Acute nonspecific idiopathic pericarditis	Diagnosis	ICD-10-CM
I30.1	Infective pericarditis	Diagnosis	ICD-10-CM
I30.8	Other forms of acute pericarditis	Diagnosis	ICD-10-CM
I30.9	Acute pericarditis, unspecified	Diagnosis	ICD-10-CM
I31.0	Chronic adhesive pericarditis	Diagnosis	ICD-10-CM
I31.1	Chronic constrictive pericarditis	Diagnosis	ICD-10-CM
I31.2	Hemopericardium, not elsewhere classified	Diagnosis	ICD-10-CM
I31.3	Pericardial effusion (noninflammatory)	Diagnosis	ICD-10-CM
I31.31	Malignant pericardial effusion in diseases classified elsewhere	Diagnosis	ICD-10-CM
I31.39	Other pericardial effusion (noninflammatory)	Diagnosis	ICD-10-CM
I31.4	Cardiac tamponade	Diagnosis	ICD-10-CM
I31.8	Other specified diseases of pericardium	Diagnosis	ICD-10-CM
I31.9	Disease of pericardium, unspecified	Diagnosis	ICD-10-CM
I33.0	Acute and subacute infective endocarditis	Diagnosis	ICD-10-CM
I33.9	Acute and subacute endocarditis, unspecified	Diagnosis	ICD-10-CM
I34.0	Nonrheumatic mitral (valve) insufficiency	Diagnosis	ICD-10-CM
I34.1	Nonrheumatic mitral (valve) prolapse	Diagnosis	ICD-10-CM
I34.2	Nonrheumatic mitral (valve) stenosis	Diagnosis	ICD-10-CM
I34.8	Other nonrheumatic mitral valve disorders	Diagnosis	ICD-10-CM
I34.81	Nonrheumatic mitral (valve) annulus calcification	Diagnosis	ICD-10-CM
I34.89	Other nonrheumatic mitral valve disorders	Diagnosis	ICD-10-CM
I34.9	Nonrheumatic mitral valve disorder, unspecified	Diagnosis	ICD-10-CM
I35.0	Nonrheumatic aortic (valve) stenosis	Diagnosis	ICD-10-CM
I35.1	Nonrheumatic aortic (valve) insufficiency	Diagnosis	ICD-10-CM
I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency	Diagnosis	ICD-10-CM
I35.8	Other nonrheumatic aortic valve disorders	Diagnosis	ICD-10-CM
I35.9	Nonrheumatic aortic valve disorder, unspecified	Diagnosis	ICD-10-CM
I36.0	Nonrheumatic tricuspid (valve) stenosis	Diagnosis	ICD-10-CM
I36.1	Nonrheumatic tricuspid (valve) insufficiency	Diagnosis	ICD-10-CM
I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency	Diagnosis	ICD-10-CM
I36.8	Other nonrheumatic tricuspid valve disorders	Diagnosis	ICD-10-CM
I36.9	Nonrheumatic tricuspid valve disorder, unspecified	Diagnosis	ICD-10-CM
I37.0	Nonrheumatic pulmonary valve stenosis	Diagnosis	ICD-10-CM
I37.1	Nonrheumatic pulmonary valve insufficiency	Diagnosis	ICD-10-CM
I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency	Diagnosis	ICD-10-CM
I37.8	Other nonrheumatic pulmonary valve disorders	Diagnosis	ICD-10-CM
I37.9	Nonrheumatic pulmonary valve disorder, unspecified	Diagnosis	ICD-10-CM
I40.0	Infective myocarditis	Diagnosis	ICD-10-CM
I40.1	Isolated myocarditis	Diagnosis	ICD-10-CM
I40.8	Other acute myocarditis	Diagnosis	ICD-10-CM
I40.9	Acute myocarditis, unspecified	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.1	Obstructive hypertrophic cardiomyopathy	Diagnosis	ICD-10-CM
I42.2	Other hypertrophic cardiomyopathy	Diagnosis	ICD-10-CM
I42.3	Endomyocardial (eosinophilic) disease	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I42.4	Endocardial fibroelastosis	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I42.9	Cardiomyopathy, unspecified	Diagnosis	ICD-10-CM
I44.0	Atrioventricular block, first degree	Diagnosis	ICD-10-CM
I44.1	Atrioventricular block, second degree	Diagnosis	ICD-10-CM
I44.2	Atrioventricular block, complete	Diagnosis	ICD-10-CM
I44.3	Other and unspecified atrioventricular block	Diagnosis	ICD-10-CM
I44.30	Unspecified atrioventricular block	Diagnosis	ICD-10-CM
I44.39	Other atrioventricular block	Diagnosis	ICD-10-CM
I44.4	Left anterior fascicular block	Diagnosis	ICD-10-CM
I44.5	Left posterior fascicular block	Diagnosis	ICD-10-CM
I44.6	Other and unspecified fascicular block	Diagnosis	ICD-10-CM
I44.60	Unspecified fascicular block	Diagnosis	ICD-10-CM
I44.69	Other fascicular block	Diagnosis	ICD-10-CM
I44.7	Left bundle-branch block, unspecified	Diagnosis	ICD-10-CM
I45.0	Right fascicular block	Diagnosis	ICD-10-CM
I45.1	Other and unspecified right bundle-branch block	Diagnosis	ICD-10-CM
I45.10	Unspecified right bundle-branch block	Diagnosis	ICD-10-CM
I45.19	Other right bundle-branch block	Diagnosis	ICD-10-CM
I45.2	Bifascicular block	Diagnosis	ICD-10-CM
I45.3	Trifascicular block	Diagnosis	ICD-10-CM
I45.4	Nonspecific intraventricular block	Diagnosis	ICD-10-CM
I45.5	Other specified heart block	Diagnosis	ICD-10-CM
I45.6	Pre-excitation syndrome	Diagnosis	ICD-10-CM
I45.8	Other specified conduction disorders	Diagnosis	ICD-10-CM
I45.81	Long QT syndrome	Diagnosis	ICD-10-CM
I45.89	Other specified conduction disorders	Diagnosis	ICD-10-CM
I45.9	Conduction disorder, unspecified	Diagnosis	ICD-10-CM
I46.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM
I46.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM
I46.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
I47.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
I47.1	Supraventricular tachycardia	Diagnosis	ICD-10-CM
I47.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
I47.20	Ventricular tachycardia, unspecified	Diagnosis	ICD-10-CM
I47.21	Torsades de pointes	Diagnosis	ICD-10-CM
I47.29	Other ventricular tachycardia	Diagnosis	ICD-10-CM
I47.9	Paroxysmal tachycardia, unspecified	Diagnosis	ICD-10-CM
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
I48.9	Unspecified atrial fibrillation and atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
I48.92	Unspecified atrial flutter	Diagnosis	ICD-10-CM
I49.0	Ventricular fibrillation and flutter	Diagnosis	ICD-10-CM
I49.01	Ventricular fibrillation	Diagnosis	ICD-10-CM
I49.02	Ventricular flutter	Diagnosis	ICD-10-CM
I49.1	Atrial premature depolarization	Diagnosis	ICD-10-CM
I49.2	Junctional premature depolarization	Diagnosis	ICD-10-CM
I49.3	Ventricular premature depolarization	Diagnosis	ICD-10-CM
I49.4	Other and unspecified premature depolarization	Diagnosis	ICD-10-CM
I49.40	Unspecified premature depolarization	Diagnosis	ICD-10-CM
I49.49	Other premature depolarization	Diagnosis	ICD-10-CM
I49.5	Sick sinus syndrome	Diagnosis	ICD-10-CM
I49.8	Other specified cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.9	Cardiac arrhythmia, unspecified	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.2	Systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.3	Diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.4	Combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.8	Other heart failure	Diagnosis	ICD-10-CM
I50.81	Right heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
I51.0	Cardiac septal defect, acquired	Diagnosis	ICD-10-CM
I51.1	Rupture of chordae tendineae, not elsewhere classified	Diagnosis	ICD-10-CM
I51.2	Rupture of papillary muscle, not elsewhere classified	Diagnosis	ICD-10-CM
I51.3	Intracardiac thrombosis, not elsewhere classified	Diagnosis	ICD-10-CM
I51.4	Myocarditis, unspecified	Diagnosis	ICD-10-CM
I51.5	Myocardial degeneration	Diagnosis	ICD-10-CM
I51.7	Cardiomegaly	Diagnosis	ICD-10-CM
I51.8	Other ill-defined heart diseases	Diagnosis	ICD-10-CM
I51.81	Takotsubo syndrome	Diagnosis	ICD-10-CM
I51.89	Other ill-defined heart diseases	Diagnosis	ICD-10-CM
I51.9	Heart disease, unspecified	Diagnosis	ICD-10-CM
I60.0	Nontraumatic subarachnoid hemorrhage from carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.1	Nontraumatic subarachnoid hemorrhage from middle cerebral artery	Diagnosis	ICD-10-CM
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	Diagnosis	ICD-10-CM
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	Diagnosis	ICD-10-CM
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	Diagnosis	ICD-10-CM
I60.3	Nontraumatic subarachnoid hemorrhage from posterior communicating artery	Diagnosis	ICD-10-CM
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
I60.5	Nontraumatic subarachnoid hemorrhage from vertebral artery	Diagnosis	ICD-10-CM
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I60.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I61.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.0	Nontraumatic subdural hemorrhage	Diagnosis	ICD-10-CM
I62.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.03	Nontraumatic chronic subdural hemorrhage	Diagnosis	ICD-10-CM
I62.1	Nontraumatic extradural hemorrhage	Diagnosis	ICD-10-CM
I62.9	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.0	Cerebral infarction due to thrombosis of precerebral arteries	Diagnosis	ICD-10-CM
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.01	Cerebral infarction due to thrombosis of vertebral artery	Diagnosis	ICD-10-CM
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I63.03	Cerebral infarction due to thrombosis of carotid artery	Diagnosis	ICD-10-CM
I63.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
I63.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
I63.1	Cerebral infarction due to embolism of precerebral arteries	Diagnosis	ICD-10-CM
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.11	Cerebral infarction due to embolism of vertebral artery	Diagnosis	ICD-10-CM
I63.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
I63.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
I63.13	Cerebral infarction due to embolism of carotid artery	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I63.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
I63.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
I63.2	Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries	Diagnosis	ICD-10-CM
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
I63.21	Cerebral infarction due to unspecified occlusion or stenosis of vertebral arteries	Diagnosis	ICD-10-CM
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
I63.23	Cerebral infarction due to unspecified occlusion or stenosis of carotid arteries	Diagnosis	ICD-10-CM
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I63.3	Cerebral infarction due to thrombosis of cerebral arteries	Diagnosis	ICD-10-CM
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.31	Cerebral infarction due to thrombosis of middle cerebral artery	Diagnosis	ICD-10-CM
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.32	Cerebral infarction due to thrombosis of anterior cerebral artery	Diagnosis	ICD-10-CM
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.33	Cerebral infarction due to thrombosis of posterior cerebral artery	Diagnosis	ICD-10-CM
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.34	Cerebral infarction due to thrombosis of cerebellar artery	Diagnosis	ICD-10-CM
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.4	Cerebral infarction due to embolism of cerebral arteries	Diagnosis	ICD-10-CM
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.41	Cerebral infarction due to embolism of middle cerebral artery	Diagnosis	ICD-10-CM
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.42	Cerebral infarction due to embolism of anterior cerebral artery	Diagnosis	ICD-10-CM
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.43	Cerebral infarction due to embolism of posterior cerebral artery	Diagnosis	ICD-10-CM
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.44	Cerebral infarction due to embolism of cerebellar artery	Diagnosis	ICD-10-CM
I63.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
I63.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
I63.5	Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries	Diagnosis	ICD-10-CM
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.51	Cerebral infarction due to unspecified occlusion or stenosis of middle cerebral artery	Diagnosis	ICD-10-CM
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I63.52	Cerebral infarction due to unspecified occlusion or stenosis of anterior cerebral artery	Diagnosis	ICD-10-CM
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.53	Cerebral infarction due to unspecified occlusion or stenosis of posterior cerebral artery	Diagnosis	ICD-10-CM
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.54	Cerebral infarction due to unspecified occlusion or stenosis of cerebellar artery	Diagnosis	ICD-10-CM
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM
I63.8	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery	Diagnosis	ICD-10-CM
I63.89	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
I65.0	Occlusion and stenosis of vertebral artery	Diagnosis	ICD-10-CM
I65.01	Occlusion and stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I65.02	Occlusion and stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I65.03	Occlusion and stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I65.09	Occlusion and stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I65.1	Occlusion and stenosis of basilar artery	Diagnosis	ICD-10-CM
I65.2	Occlusion and stenosis of carotid artery	Diagnosis	ICD-10-CM
I65.21	Occlusion and stenosis of right carotid artery	Diagnosis	ICD-10-CM
I65.22	Occlusion and stenosis of left carotid artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I65.23	Occlusion and stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I65.29	Occlusion and stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I65.8	Occlusion and stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I65.9	Occlusion and stenosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I66.0	Occlusion and stenosis of middle cerebral artery	Diagnosis	ICD-10-CM
I66.01	Occlusion and stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I66.02	Occlusion and stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I66.03	Occlusion and stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I66.09	Occlusion and stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I66.1	Occlusion and stenosis of anterior cerebral artery	Diagnosis	ICD-10-CM
I66.11	Occlusion and stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I66.12	Occlusion and stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I66.13	Occlusion and stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I66.19	Occlusion and stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I66.2	Occlusion and stenosis of posterior cerebral artery	Diagnosis	ICD-10-CM
I66.21	Occlusion and stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I66.22	Occlusion and stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I66.23	Occlusion and stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I66.29	Occlusion and stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I66.3	Occlusion and stenosis of cerebellar arteries	Diagnosis	ICD-10-CM
I66.8	Occlusion and stenosis of other cerebral arteries	Diagnosis	ICD-10-CM
I66.9	Occlusion and stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I67.0	Dissection of cerebral arteries, nonruptured	Diagnosis	ICD-10-CM
I67.1	Cerebral aneurysm, nonruptured	Diagnosis	ICD-10-CM
I67.2	Cerebral atherosclerosis	Diagnosis	ICD-10-CM
I67.3	Progressive vascular leukoencephalopathy	Diagnosis	ICD-10-CM
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
I67.5	Moyamoya disease	Diagnosis	ICD-10-CM
I67.6	Nonpyogenic thrombosis of intracranial venous system	Diagnosis	ICD-10-CM
I67.7	Cerebral arteritis, not elsewhere classified	Diagnosis	ICD-10-CM
I67.8	Other specified cerebrovascular diseases	Diagnosis	ICD-10-CM
I67.81	Acute cerebrovascular insufficiency	Diagnosis	ICD-10-CM
I67.82	Cerebral ischemia	Diagnosis	ICD-10-CM
I67.83	Posterior reversible encephalopathy syndrome	Diagnosis	ICD-10-CM
I67.84	Cerebral vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
I67.841	Reversible cerebrovascular vasoconstriction syndrome	Diagnosis	ICD-10-CM
I67.848	Other cerebrovascular vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
I67.85	Hereditary cerebrovascular diseases	Diagnosis	ICD-10-CM
I67.850	Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy	Diagnosis	ICD-10-CM
I67.858	Other hereditary cerebrovascular disease	Diagnosis	ICD-10-CM
I67.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
I67.9	Cerebrovascular disease, unspecified	Diagnosis	ICD-10-CM
I68.0	Cerebral amyloid angiopathy	Diagnosis	ICD-10-CM
I68.2	Cerebral arteritis in other diseases classified elsewhere	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I68.8	Other cerebrovascular disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
I69.0	Sequelae of nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.00	Unspecified sequelae of nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.01	Cognitive deficits following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.010	Attention and concentration deficit following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.011	Memory deficit following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.012	Visuospatial deficit and spatial neglect following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.013	Psychomotor deficit following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.014	Frontal lobe and executive function deficit following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.015	Cognitive social or emotional deficit following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.018	Other symptoms and signs involving cognitive functions following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.019	Unspecified symptoms and signs involving cognitive functions following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.02	Speech and language deficits following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.020	Aphasia following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.021	Dysphasia following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.022	Dysarthria following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.023	Fluency disorder following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.028	Other speech and language deficits following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.03	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.031	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.032	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.033	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.034	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.039	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.04	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.041	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.042	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.043	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.044	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.049	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.05	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.051	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.052	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.053	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.054	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.059	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.06	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.061	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.062	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.063	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.064	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.065	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage, bilateral	Diagnosis	ICD-10-CM
I69.069	Other paralytic syndrome following nontraumatic subarachnoid hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.09	Other sequelae of nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.090	Apraxia following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.091	Dysphagia following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.092	Facial weakness following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.093	Ataxia following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.098	Other sequelae following nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I69.1	Sequelae of nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.10	Unspecified sequelae of nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.11	Cognitive deficits following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.110	Attention and concentration deficit following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.111	Memory deficit following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.112	Visuospatial deficit and spatial neglect following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.113	Psychomotor deficit following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.114	Frontal lobe and executive function deficit following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.115	Cognitive social or emotional deficit following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I69.118	Other symptoms and signs involving cognitive functions following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.119	Unspecified symptoms and signs involving cognitive functions following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.12	Speech and language deficits following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.120	Aphasia following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.121	Dysphasia following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.122	Dysarthria following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.123	Fluency disorder following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.128	Other speech and language deficits following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.13	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.131	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.132	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.133	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.134	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.139	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.14	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.141	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.142	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.143	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.144	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.149	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.15	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.151	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.152	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.153	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.154	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.159	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.16	Other paralytic syndrome following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.161	Other paralytic syndrome following nontraumatic intracerebral hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.162	Other paralytic syndrome following nontraumatic intracerebral hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.163	Other paralytic syndrome following nontraumatic intracerebral hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.164	Other paralytic syndrome following nontraumatic intracerebral hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.165	Other paralytic syndrome following nontraumatic intracerebral hemorrhage, bilateral	Diagnosis	ICD-10-CM
I69.169	Other paralytic syndrome following nontraumatic intracerebral hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.19	Other sequelae of nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.190	Apraxia following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.191	Dysphagia following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.192	Facial weakness following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.193	Ataxia following nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.198	Other sequelae of nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I69.2	Sequelae of other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.20	Unspecified sequelae of other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.21	Cognitive deficits following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.210	Attention and concentration deficit following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.211	Memory deficit following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.212	Visuospatial deficit and spatial neglect following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.213	Psychomotor deficit following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.214	Frontal lobe and executive function deficit following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.215	Cognitive social or emotional deficit following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.218	Other symptoms and signs involving cognitive functions following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.219	Unspecified symptoms and signs involving cognitive functions following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.22	Speech and language deficits following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.220	Aphasia following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.221	Dysphasia following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.222	Dysarthria following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.223	Fluency disorder following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.228	Other speech and language deficits following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.23	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.231	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.232	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.233	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.234	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.239	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.24	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.241	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.242	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.243	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.244	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.249	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.25	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.251	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.252	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.253	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.254	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.259	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.26	Other paralytic syndrome following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.261	Other paralytic syndrome following other nontraumatic intracranial hemorrhage affecting right dominant side	Diagnosis	ICD-10-CM
I69.262	Other paralytic syndrome following other nontraumatic intracranial hemorrhage affecting left dominant side	Diagnosis	ICD-10-CM
I69.263	Other paralytic syndrome following other nontraumatic intracranial hemorrhage affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.264	Other paralytic syndrome following other nontraumatic intracranial hemorrhage affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.265	Other paralytic syndrome following other nontraumatic intracranial hemorrhage, bilateral	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.269	Other paralytic syndrome following other nontraumatic intracranial hemorrhage affecting unspecified side	Diagnosis	ICD-10-CM
I69.29	Other sequelae of other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.290	Apraxia following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.291	Dysphagia following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.292	Facial weakness following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.293	Ataxia following other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.298	Other sequelae of other nontraumatic intracranial hemorrhage	Diagnosis	ICD-10-CM
I69.3	Sequelae of cerebral infarction	Diagnosis	ICD-10-CM
I69.30	Unspecified sequelae of cerebral infarction	Diagnosis	ICD-10-CM
I69.31	Cognitive deficits following cerebral infarction	Diagnosis	ICD-10-CM
I69.310	Attention and concentration deficit following cerebral infarction	Diagnosis	ICD-10-CM
I69.311	Memory deficit following cerebral infarction	Diagnosis	ICD-10-CM
I69.312	Visuospatial deficit and spatial neglect following cerebral infarction	Diagnosis	ICD-10-CM
I69.313	Psychomotor deficit following cerebral infarction	Diagnosis	ICD-10-CM
I69.314	Frontal lobe and executive function deficit following cerebral infarction	Diagnosis	ICD-10-CM
I69.315	Cognitive social or emotional deficit following cerebral infarction	Diagnosis	ICD-10-CM
I69.318	Other symptoms and signs involving cognitive functions following cerebral infarction	Diagnosis	ICD-10-CM
I69.319	Unspecified symptoms and signs involving cognitive functions following cerebral infarction	Diagnosis	ICD-10-CM
I69.32	Speech and language deficits following cerebral infarction	Diagnosis	ICD-10-CM
I69.320	Aphasia following cerebral infarction	Diagnosis	ICD-10-CM
I69.321	Dysphasia following cerebral infarction	Diagnosis	ICD-10-CM
I69.322	Dysarthria following cerebral infarction	Diagnosis	ICD-10-CM
I69.323	Fluency disorder following cerebral infarction	Diagnosis	ICD-10-CM
I69.328	Other speech and language deficits following cerebral infarction	Diagnosis	ICD-10-CM
I69.33	Monoplegia of upper limb following cerebral infarction	Diagnosis	ICD-10-CM
I69.331	Monoplegia of upper limb following cerebral infarction affecting right dominant side	Diagnosis	ICD-10-CM
I69.332	Monoplegia of upper limb following cerebral infarction affecting left dominant side	Diagnosis	ICD-10-CM
I69.333	Monoplegia of upper limb following cerebral infarction affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.334	Monoplegia of upper limb following cerebral infarction affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.339	Monoplegia of upper limb following cerebral infarction affecting unspecified side	Diagnosis	ICD-10-CM
I69.34	Monoplegia of lower limb following cerebral infarction	Diagnosis	ICD-10-CM
I69.341	Monoplegia of lower limb following cerebral infarction affecting right dominant side	Diagnosis	ICD-10-CM
I69.342	Monoplegia of lower limb following cerebral infarction affecting left dominant side	Diagnosis	ICD-10-CM
I69.343	Monoplegia of lower limb following cerebral infarction affecting right non-dominant side	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.344	Monoplegia of lower limb following cerebral infarction affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.349	Monoplegia of lower limb following cerebral infarction affecting unspecified side	Diagnosis	ICD-10-CM
I69.35	Hemiplegia and hemiparesis following cerebral infarction	Diagnosis	ICD-10-CM
I69.351	Hemiplegia and hemiparesis following cerebral infarction affecting right dominant side	Diagnosis	ICD-10-CM
I69.352	Hemiplegia and hemiparesis following cerebral infarction affecting left dominant side	Diagnosis	ICD-10-CM
I69.353	Hemiplegia and hemiparesis following cerebral infarction affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.354	Hemiplegia and hemiparesis following cerebral infarction affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.359	Hemiplegia and hemiparesis following cerebral infarction affecting unspecified side	Diagnosis	ICD-10-CM
I69.36	Other paralytic syndrome following cerebral infarction	Diagnosis	ICD-10-CM
I69.361	Other paralytic syndrome following cerebral infarction affecting right dominant side	Diagnosis	ICD-10-CM
I69.362	Other paralytic syndrome following cerebral infarction affecting left dominant side	Diagnosis	ICD-10-CM
I69.363	Other paralytic syndrome following cerebral infarction affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.364	Other paralytic syndrome following cerebral infarction affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.365	Other paralytic syndrome following cerebral infarction, bilateral	Diagnosis	ICD-10-CM
I69.369	Other paralytic syndrome following cerebral infarction affecting unspecified side	Diagnosis	ICD-10-CM
I69.39	Other sequelae of cerebral infarction	Diagnosis	ICD-10-CM
I69.390	Apraxia following cerebral infarction	Diagnosis	ICD-10-CM
I69.391	Dysphagia following cerebral infarction	Diagnosis	ICD-10-CM
I69.392	Facial weakness following cerebral infarction	Diagnosis	ICD-10-CM
I69.393	Ataxia following cerebral infarction	Diagnosis	ICD-10-CM
I69.398	Other sequelae of cerebral infarction	Diagnosis	ICD-10-CM
I69.8	Sequelae of other cerebrovascular diseases	Diagnosis	ICD-10-CM
I69.80	Unspecified sequelae of other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.81	Cognitive deficits following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.810	Attention and concentration deficit following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.811	Memory deficit following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.812	Visuospatial deficit and spatial neglect following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.813	Psychomotor deficit following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.814	Frontal lobe and executive function deficit following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.815	Cognitive social or emotional deficit following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.818	Other symptoms and signs involving cognitive functions following other cerebrovascular disease	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.819	Unspecified symptoms and signs involving cognitive functions following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.82	Speech and language deficits following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.820	Aphasia following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.821	Dysphasia following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.822	Dysarthria following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.823	Fluency disorder following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.828	Other speech and language deficits following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.83	Monoplegia of upper limb following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.831	Monoplegia of upper limb following other cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.832	Monoplegia of upper limb following other cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.833	Monoplegia of upper limb following other cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.834	Monoplegia of upper limb following other cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.839	Monoplegia of upper limb following other cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.84	Monoplegia of lower limb following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.841	Monoplegia of lower limb following other cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.842	Monoplegia of lower limb following other cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.843	Monoplegia of lower limb following other cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.844	Monoplegia of lower limb following other cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.849	Monoplegia of lower limb following other cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.85	Hemiplegia and hemiparesis following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.851	Hemiplegia and hemiparesis following other cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.852	Hemiplegia and hemiparesis following other cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.853	Hemiplegia and hemiparesis following other cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.854	Hemiplegia and hemiparesis following other cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.859	Hemiplegia and hemiparesis following other cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.86	Other paralytic syndrome following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.861	Other paralytic syndrome following other cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.862	Other paralytic syndrome following other cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.863	Other paralytic syndrome following other cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.864	Other paralytic syndrome following other cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.865	Other paralytic syndrome following other cerebrovascular disease, bilateral	Diagnosis	ICD-10-CM
I69.869	Other paralytic syndrome following other cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.89	Other sequelae of other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.890	Apraxia following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.891	Dysphagia following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.892	Facial weakness following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.893	Ataxia following other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.898	Other sequelae of other cerebrovascular disease	Diagnosis	ICD-10-CM
I69.9	Sequelae of unspecified cerebrovascular diseases	Diagnosis	ICD-10-CM
I69.90	Unspecified sequelae of unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.91	Cognitive deficits following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.910	Attention and concentration deficit following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.911	Memory deficit following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.912	Visuospatial deficit and spatial neglect following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.913	Psychomotor deficit following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.914	Frontal lobe and executive function deficit following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.915	Cognitive social or emotional deficit following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.918	Other symptoms and signs involving cognitive functions following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.919	Unspecified symptoms and signs involving cognitive functions following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.92	Speech and language deficits following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.920	Aphasia following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.921	Dysphasia following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.922	Dysarthria following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.923	Fluency disorder following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.928	Other speech and language deficits following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.93	Monoplegia of upper limb following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.931	Monoplegia of upper limb following unspecified cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.932	Monoplegia of upper limb following unspecified cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I69.933	Monoplegia of upper limb following unspecified cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.934	Monoplegia of upper limb following unspecified cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.939	Monoplegia of upper limb following unspecified cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.94	Monoplegia of lower limb following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.941	Monoplegia of lower limb following unspecified cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.942	Monoplegia of lower limb following unspecified cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.943	Monoplegia of lower limb following unspecified cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.944	Monoplegia of lower limb following unspecified cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.949	Monoplegia of lower limb following unspecified cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.95	Hemiplegia and hemiparesis following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.951	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.952	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.953	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.954	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.959	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.96	Other paralytic syndrome following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.961	Other paralytic syndrome following unspecified cerebrovascular disease affecting right dominant side	Diagnosis	ICD-10-CM
I69.962	Other paralytic syndrome following unspecified cerebrovascular disease affecting left dominant side	Diagnosis	ICD-10-CM
I69.963	Other paralytic syndrome following unspecified cerebrovascular disease affecting right non-dominant side	Diagnosis	ICD-10-CM
I69.964	Other paralytic syndrome following unspecified cerebrovascular disease affecting left non-dominant side	Diagnosis	ICD-10-CM
I69.965	Other paralytic syndrome following unspecified cerebrovascular disease, bilateral	Diagnosis	ICD-10-CM
I69.969	Other paralytic syndrome following unspecified cerebrovascular disease affecting unspecified side	Diagnosis	ICD-10-CM
I69.99	Other sequelae of unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.990	Apraxia following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.991	Dysphagia following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.992	Facial weakness following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I69.993	Ataxia following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I69.998	Other sequelae following unspecified cerebrovascular disease	Diagnosis	ICD-10-CM
I70.0	Atherosclerosis of aorta	Diagnosis	ICD-10-CM
I70.1	Atherosclerosis of renal artery	Diagnosis	ICD-10-CM
I70.2	Atherosclerosis of native arteries of the extremities	Diagnosis	ICD-10-CM
I70.20	Unspecified atherosclerosis of native arteries of extremities	Diagnosis	ICD-10-CM
I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg	Diagnosis	ICD-10-CM
I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg	Diagnosis	ICD-10-CM
I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity	Diagnosis	ICD-10-CM
I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.21	Atherosclerosis of native arteries of extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.22	Atherosclerosis of native arteries of extremities with rest pain	Diagnosis	ICD-10-CM
I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.23	Atherosclerosis of native arteries of right leg with ulceration	Diagnosis	ICD-10-CM
I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.24	Atherosclerosis of native arteries of left leg with ulceration	Diagnosis	ICD-10-CM
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.25	Atherosclerosis of native arteries of other extremities with ulceration	Diagnosis	ICD-10-CM
I70.26	Atherosclerosis of native arteries of extremities with gangrene	Diagnosis	ICD-10-CM
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.29	Other atherosclerosis of native arteries of extremities	Diagnosis	ICD-10-CM
I70.291	Other atherosclerosis of native arteries of extremities, right leg	Diagnosis	ICD-10-CM
I70.292	Other atherosclerosis of native arteries of extremities, left leg	Diagnosis	ICD-10-CM
I70.293	Other atherosclerosis of native arteries of extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.298	Other atherosclerosis of native arteries of extremities, other extremity	Diagnosis	ICD-10-CM
I70.299	Other atherosclerosis of native arteries of extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.3	Atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.30	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.301	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.302	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.303	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.308	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.309	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.31	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.311	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.312	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.313	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.318	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.319	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.32	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.321	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.322	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.323	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.328	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.329	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.33	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.331	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.332	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.333	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.334	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.335	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.338	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.339	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.34	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.341	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.342	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.343	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.344	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.345	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.348	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.349	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.35	Atherosclerosis of unspecified type of bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.36	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.361	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.362	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.363	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.368	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.369	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.39	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.391	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.392	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.393	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.398	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.399	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.4	Atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.40	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.401	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.402	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.403	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.408	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.409	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.41	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.411	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.412	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.413	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.418	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.419	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.42	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.421	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.422	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.423	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.428	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.429	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.43	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.431	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.432	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.433	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.434	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.435	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.438	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.439	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.44	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.441	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.442	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.443	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.444	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.445	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.448	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.449	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.45	Atherosclerosis of autologous vein bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.46	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.461	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.462	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.463	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.468	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.469	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.49	Other atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.491	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.492	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.493	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.498	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.499	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.5	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.50	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.501	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.502	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.503	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.508	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.509	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.51	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities intermittent claudication	Diagnosis	ICD-10-CM
I70.511	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.512	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.513	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.518	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.519	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.52	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.521	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.522	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.523	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.528	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.529	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.53	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.531	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.532	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.533	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.534	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.535	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.538	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.539	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.54	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.541	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.542	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.543	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.544	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.545	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.548	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.549	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.55	Atherosclerosis of nonautologous biological bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.56	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.561	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.562	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.563	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.568	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.569	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.59	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.591	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.592	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.593	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.598	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.599	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.6	Atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.60	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.601	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.602	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.603	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.608	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.609	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I70.61	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.611	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.612	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.613	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.618	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.619	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.62	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.621	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.622	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.623	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.628	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.629	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.63	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.631	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.632	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.633	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.634	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.635	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.638	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.639	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.64	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.641	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.642	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.643	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.644	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.645	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.648	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.649	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.65	Atherosclerosis of nonbiological bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.66	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.661	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.662	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.663	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.668	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.669	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.69	Other atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.691	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.692	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.693	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.698	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.699	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.7	Atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.70	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.701	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.702	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.703	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.708	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.709	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.71	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.711	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.712	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.713	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.718	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.719	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.72	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.721	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.722	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.723	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.728	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.729	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.73	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.731	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.732	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.733	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.734	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.735	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.738	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.739	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.74	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.741	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.742	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.743	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.744	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.745	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.748	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.749	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.75	Atherosclerosis of other type of bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.76	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.761	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.762	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.763	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.768	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.769	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.79	Other atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.791	Other atherosclerosis of other type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.792	Other atherosclerosis of other type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.793	Other atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.798	Other atherosclerosis of other type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.799	Other atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.8	Atherosclerosis of other arteries	Diagnosis	ICD-10-CM
I70.9	Other and unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.90	Unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.91	Generalized atherosclerosis	Diagnosis	ICD-10-CM
I70.92	Chronic total occlusion of artery of the extremities	Diagnosis	ICD-10-CM
I71.0	Dissection of aorta	Diagnosis	ICD-10-CM
I71.00	Dissection of unspecified site of aorta	Diagnosis	ICD-10-CM
I71.01	Dissection of thoracic aorta	Diagnosis	ICD-10-CM
I71.010	Dissection of ascending aorta	Diagnosis	ICD-10-CM
I71.011	Dissection of aortic arch	Diagnosis	ICD-10-CM
I71.012	Dissection of descending thoracic aorta	Diagnosis	ICD-10-CM
I71.019	Dissection of thoracic aorta, unspecified	Diagnosis	ICD-10-CM
I71.02	Dissection of abdominal aorta	Diagnosis	ICD-10-CM
I71.03	Dissection of thoracoabdominal aorta	Diagnosis	ICD-10-CM
I71.1	Thoracic aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.10	Thoracic aortic aneurysm, ruptured, unspecified	Diagnosis	ICD-10-CM
I71.11	Aneurysm of the ascending aorta, ruptured	Diagnosis	ICD-10-CM
I71.12	Aneurysm of the aortic arch, ruptured	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I71.13	Aneurysm of the descending thoracic aorta, ruptured	Diagnosis	ICD-10-CM
I71.2	Thoracic aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.20	Thoracic aortic aneurysm, without rupture, unspecified	Diagnosis	ICD-10-CM
I71.21	Aneurysm of the ascending aorta, without rupture	Diagnosis	ICD-10-CM
I71.22	Aneurysm of the aortic arch, without rupture	Diagnosis	ICD-10-CM
I71.23	Aneurysm of the descending thoracic aorta, without rupture	Diagnosis	ICD-10-CM
I71.3	Abdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.30	Abdominal aortic aneurysm, ruptured, unspecified	Diagnosis	ICD-10-CM
I71.31	Pararenal abdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.32	Juxtarenal abdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.33	Infrarenal abdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.4	Abdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.40	Abdominal aortic aneurysm, without rupture, unspecified	Diagnosis	ICD-10-CM
I71.41	Pararenal abdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.42	Juxtarenal abdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.43	Infrarenal abdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.5	Thoracoabdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.50	Thoracoabdominal aortic aneurysm, ruptured, unspecified	Diagnosis	ICD-10-CM
I71.51	Supraceliac aneurysm of the thoracoabdominal aorta, ruptured	Diagnosis	ICD-10-CM
I71.52	Paravisceral aneurysm of the thoracoabdominal aorta, ruptured	Diagnosis	ICD-10-CM
I71.6	Thoracoabdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.60	Thoracoabdominal aortic aneurysm, without rupture, unspecified	Diagnosis	ICD-10-CM
I71.61	Supraceliac aneurysm of the thoracoabdominal aorta, without rupture	Diagnosis	ICD-10-CM
I71.62	Paravisceral aneurysm of the thoracoabdominal aorta, without rupture	Diagnosis	ICD-10-CM
I71.8	Aortic aneurysm of unspecified site, ruptured	Diagnosis	ICD-10-CM
I71.9	Aortic aneurysm of unspecified site, without rupture	Diagnosis	ICD-10-CM
I72.0	Aneurysm of carotid artery	Diagnosis	ICD-10-CM
I72.1	Aneurysm of artery of upper extremity	Diagnosis	ICD-10-CM
I72.2	Aneurysm of renal artery	Diagnosis	ICD-10-CM
I72.3	Aneurysm of iliac artery	Diagnosis	ICD-10-CM
I72.4	Aneurysm of artery of lower extremity	Diagnosis	ICD-10-CM
I72.5	Aneurysm of other precerebral arteries	Diagnosis	ICD-10-CM
I72.6	Aneurysm of vertebral artery	Diagnosis	ICD-10-CM
I72.8	Aneurysm of other specified arteries	Diagnosis	ICD-10-CM
I72.9	Aneurysm of unspecified site	Diagnosis	ICD-10-CM
I73.0	Raynaud's syndrome	Diagnosis	ICD-10-CM
I73.00	Raynaud's syndrome without gangrene	Diagnosis	ICD-10-CM
I73.01	Raynaud's syndrome with gangrene	Diagnosis	ICD-10-CM
I73.1	Thromboangiitis obliterans [Buerger's disease]	Diagnosis	ICD-10-CM
I73.8	Other specified peripheral vascular diseases	Diagnosis	ICD-10-CM
I73.81	Erythromelalgia	Diagnosis	ICD-10-CM
I73.89	Other specified peripheral vascular diseases	Diagnosis	ICD-10-CM
I73.9	Peripheral vascular disease, unspecified	Diagnosis	ICD-10-CM
I74.0	Embolism and thrombosis of abdominal aorta	Diagnosis	ICD-10-CM
I74.01	Saddle embolus of abdominal aorta	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I74.09	Other arterial embolism and thrombosis of abdominal aorta	Diagnosis	ICD-10-CM
I74.1	Embolism and thrombosis of other and unspecified parts of aorta	Diagnosis	ICD-10-CM
I74.10	Embolism and thrombosis of unspecified parts of aorta	Diagnosis	ICD-10-CM
I74.11	Embolism and thrombosis of thoracic aorta	Diagnosis	ICD-10-CM
I74.19	Embolism and thrombosis of other parts of aorta	Diagnosis	ICD-10-CM
I74.2	Embolism and thrombosis of arteries of the upper extremities	Diagnosis	ICD-10-CM
I74.3	Embolism and thrombosis of arteries of the lower extremities	Diagnosis	ICD-10-CM
I74.4	Embolism and thrombosis of arteries of extremities, unspecified	Diagnosis	ICD-10-CM
I74.5	Embolism and thrombosis of iliac artery	Diagnosis	ICD-10-CM
I74.8	Embolism and thrombosis of other arteries	Diagnosis	ICD-10-CM
I74.9	Embolism and thrombosis of unspecified artery	Diagnosis	ICD-10-CM
I75.0	Atheroembolism of extremities	Diagnosis	ICD-10-CM
I75.01	Atheroembolism of upper extremity	Diagnosis	ICD-10-CM
I75.011	Atheroembolism of right upper extremity	Diagnosis	ICD-10-CM
I75.012	Atheroembolism of left upper extremity	Diagnosis	ICD-10-CM
I75.013	Atheroembolism of bilateral upper extremities	Diagnosis	ICD-10-CM
I75.019	Atheroembolism of unspecified upper extremity	Diagnosis	ICD-10-CM
I75.02	Atheroembolism of lower extremity	Diagnosis	ICD-10-CM
I75.021	Atheroembolism of right lower extremity	Diagnosis	ICD-10-CM
I75.022	Atheroembolism of left lower extremity	Diagnosis	ICD-10-CM
I75.023	Atheroembolism of bilateral lower extremities	Diagnosis	ICD-10-CM
I75.029	Atheroembolism of unspecified lower extremity	Diagnosis	ICD-10-CM
I75.8	Atheroembolism of other sites	Diagnosis	ICD-10-CM
I75.81	Atheroembolism of kidney	Diagnosis	ICD-10-CM
I75.89	Atheroembolism of other site	Diagnosis	ICD-10-CM
I77.0	Arteriovenous fistula, acquired	Diagnosis	ICD-10-CM
I77.1	Stricture of artery	Diagnosis	ICD-10-CM
I77.2	Rupture of artery	Diagnosis	ICD-10-CM
I77.3	Arterial fibromuscular dysplasia	Diagnosis	ICD-10-CM
I77.4	Celiac artery compression syndrome	Diagnosis	ICD-10-CM
I77.5	Necrosis of artery	Diagnosis	ICD-10-CM
I77.6	Arteritis, unspecified	Diagnosis	ICD-10-CM
I77.7	Other arterial dissection	Diagnosis	ICD-10-CM
I77.70	Dissection of unspecified artery	Diagnosis	ICD-10-CM
I77.71	Dissection of carotid artery	Diagnosis	ICD-10-CM
I77.72	Dissection of iliac artery	Diagnosis	ICD-10-CM
I77.73	Dissection of renal artery	Diagnosis	ICD-10-CM
I77.74	Dissection of vertebral artery	Diagnosis	ICD-10-CM
I77.75	Dissection of other precerebral arteries	Diagnosis	ICD-10-CM
I77.76	Dissection of artery of upper extremity	Diagnosis	ICD-10-CM
I77.77	Dissection of artery of lower extremity	Diagnosis	ICD-10-CM
I77.79	Dissection of other specified artery	Diagnosis	ICD-10-CM
I77.8	Other specified disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.81	Aortic ectasia	Diagnosis	ICD-10-CM
I77.810	Thoracic aortic ectasia	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I77.811	Abdominal aortic ectasia	Diagnosis	ICD-10-CM
I77.812	Thoracoabdominal aortic ectasia	Diagnosis	ICD-10-CM
I77.819	Aortic ectasia, unspecified site	Diagnosis	ICD-10-CM
I77.82	Antineutrophilic cytoplasmic antibody [ANCA] vasculitis	Diagnosis	ICD-10-CM
I77.89	Other specified disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.9	Disorder of arteries and arterioles, unspecified	Diagnosis	ICD-10-CM
I78.0	Hereditary hemorrhagic telangiectasia	Diagnosis	ICD-10-CM
I78.1	Nevus, non-neoplastic	Diagnosis	ICD-10-CM
I78.8	Other diseases of capillaries	Diagnosis	ICD-10-CM
I78.9	Disease of capillaries, unspecified	Diagnosis	ICD-10-CM
I79.0	Aneurysm of aorta in diseases classified elsewhere	Diagnosis	ICD-10-CM
I79.1	Aortitis in diseases classified elsewhere	Diagnosis	ICD-10-CM
I79.8	Other disorders of arteries, arterioles and capillaries in diseases classified elsewhere	Diagnosis	ICD-10-CM
I80.0	Phlebitis and thrombophlebitis of superficial vessels of lower extremities	Diagnosis	ICD-10-CM
I80.00	Phlebitis and thrombophlebitis of superficial vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
I80.01	Phlebitis and thrombophlebitis of superficial vessels of right lower extremity	Diagnosis	ICD-10-CM
I80.02	Phlebitis and thrombophlebitis of superficial vessels of left lower extremity	Diagnosis	ICD-10-CM
I80.03	Phlebitis and thrombophlebitis of superficial vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
I80.1	Phlebitis and thrombophlebitis of femoral vein	Diagnosis	ICD-10-CM
I80.10	Phlebitis and thrombophlebitis of unspecified femoral vein	Diagnosis	ICD-10-CM
I80.11	Phlebitis and thrombophlebitis of right femoral vein	Diagnosis	ICD-10-CM
I80.12	Phlebitis and thrombophlebitis of left femoral vein	Diagnosis	ICD-10-CM
I80.13	Phlebitis and thrombophlebitis of femoral vein, bilateral	Diagnosis	ICD-10-CM
I80.2	Phlebitis and thrombophlebitis of other and unspecified deep vessels of lower extremities	Diagnosis	ICD-10-CM
I80.20	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities	Diagnosis	ICD-10-CM
I80.201	Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity	Diagnosis	ICD-10-CM
I80.202	Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity	Diagnosis	ICD-10-CM
I80.203	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
I80.209	Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
I80.21	Phlebitis and thrombophlebitis of iliac vein	Diagnosis	ICD-10-CM
I80.211	Phlebitis and thrombophlebitis of right iliac vein	Diagnosis	ICD-10-CM
I80.212	Phlebitis and thrombophlebitis of left iliac vein	Diagnosis	ICD-10-CM
I80.213	Phlebitis and thrombophlebitis of iliac vein, bilateral	Diagnosis	ICD-10-CM
I80.219	Phlebitis and thrombophlebitis of unspecified iliac vein	Diagnosis	ICD-10-CM
I80.22	Phlebitis and thrombophlebitis of popliteal vein	Diagnosis	ICD-10-CM
I80.221	Phlebitis and thrombophlebitis of right popliteal vein	Diagnosis	ICD-10-CM
I80.222	Phlebitis and thrombophlebitis of left popliteal vein	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I80.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
I80.229	Phlebitis and thrombophlebitis of unspecified popliteal vein	Diagnosis	ICD-10-CM
I80.23	Phlebitis and thrombophlebitis of tibial vein	Diagnosis	ICD-10-CM
I80.231	Phlebitis and thrombophlebitis of right tibial vein	Diagnosis	ICD-10-CM
I80.232	Phlebitis and thrombophlebitis of left tibial vein	Diagnosis	ICD-10-CM
I80.233	Phlebitis and thrombophlebitis of tibial vein, bilateral	Diagnosis	ICD-10-CM
I80.239	Phlebitis and thrombophlebitis of unspecified tibial vein	Diagnosis	ICD-10-CM
I80.24	Phlebitis and thrombophlebitis of peroneal vein	Diagnosis	ICD-10-CM
I80.241	Phlebitis and thrombophlebitis of right peroneal vein	Diagnosis	ICD-10-CM
I80.242	Phlebitis and thrombophlebitis of left peroneal vein	Diagnosis	ICD-10-CM
I80.243	Phlebitis and thrombophlebitis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
I80.249	Phlebitis and thrombophlebitis of unspecified peroneal vein	Diagnosis	ICD-10-CM
I80.25	Phlebitis and thrombophlebitis of calf muscular vein	Diagnosis	ICD-10-CM
I80.251	Phlebitis and thrombophlebitis of right calf muscular vein	Diagnosis	ICD-10-CM
I80.252	Phlebitis and thrombophlebitis of left calf muscular vein	Diagnosis	ICD-10-CM
I80.253	Phlebitis and thrombophlebitis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
I80.259	Phlebitis and thrombophlebitis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
I80.29	Phlebitis and thrombophlebitis of other deep vessels of lower extremities	Diagnosis	ICD-10-CM
I80.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity	Diagnosis	ICD-10-CM
I80.292	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity	Diagnosis	ICD-10-CM
I80.293	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral	Diagnosis	ICD-10-CM
I80.299	Phlebitis and thrombophlebitis of other deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
I80.3	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-10-CM
I80.8	Phlebitis and thrombophlebitis of other sites	Diagnosis	ICD-10-CM
I80.9	Phlebitis and thrombophlebitis of unspecified site	Diagnosis	ICD-10-CM
I82.0	Budd-Chiari syndrome	Diagnosis	ICD-10-CM
I82.1	Thrombophlebitis migrans	Diagnosis	ICD-10-CM
I82.2	Embolism and thrombosis of vena cava and other thoracic veins	Diagnosis	ICD-10-CM
I82.21	Embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.210	Acute embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.211	Chronic embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.22	Embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.220	Acute embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.221	Chronic embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.29	Embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
I82.290	Acute embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
I82.291	Chronic embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
I82.3	Embolism and thrombosis of renal vein	Diagnosis	ICD-10-CM
I82.4	Acute embolism and thrombosis of deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.40	Acute embolism and thrombosis of unspecified deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.401	Acute embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM
I82.402	Acute embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I82.403	Acute embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.409	Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.41	Acute embolism and thrombosis of femoral vein	Diagnosis	ICD-10-CM
I82.411	Acute embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
I82.412	Acute embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
I82.413	Acute embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
I82.419	Acute embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
I82.42	Acute embolism and thrombosis of iliac vein	Diagnosis	ICD-10-CM
I82.421	Acute embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
I82.422	Acute embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
I82.423	Acute embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
I82.429	Acute embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
I82.43	Acute embolism and thrombosis of popliteal vein	Diagnosis	ICD-10-CM
I82.431	Acute embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
I82.432	Acute embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
I82.433	Acute embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
I82.439	Acute embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
I82.44	Acute embolism and thrombosis of tibial vein	Diagnosis	ICD-10-CM
I82.441	Acute embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM
I82.442	Acute embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
I82.443	Acute embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
I82.449	Acute embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
I82.45	Acute embolism and thrombosis of peroneal vein	Diagnosis	ICD-10-CM
I82.451	Acute embolism and thrombosis of right peroneal vein	Diagnosis	ICD-10-CM
I82.452	Acute embolism and thrombosis of left peroneal vein	Diagnosis	ICD-10-CM
I82.453	Acute embolism and thrombosis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
I82.459	Acute embolism and thrombosis of unspecified peroneal vein	Diagnosis	ICD-10-CM
I82.46	Acute embolism and thrombosis of calf muscular vein	Diagnosis	ICD-10-CM
I82.461	Acute embolism and thrombosis of right calf muscular vein	Diagnosis	ICD-10-CM
I82.462	Acute embolism and thrombosis of left calf muscular vein	Diagnosis	ICD-10-CM
I82.463	Acute embolism and thrombosis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
I82.469	Acute embolism and thrombosis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
I82.49	Acute embolism and thrombosis of other specified deep vein of lower extremity	Diagnosis	ICD-10-CM
I82.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
I82.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
I82.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.499	Acute embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.4Y	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.4Y1	Acute embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y2	Acute embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y3	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.4Y9	Acute embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Z	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z1	Acute embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z2	Acute embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z3	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.4Z9	Acute embolism and thrombosis of unspecified deep veins of unspecified distal lower extremity	Diagnosis	ICD-10-CM
I82.5	Chronic embolism and thrombosis of deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.50	Chronic embolism and thrombosis of unspecified deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.501	Chronic embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM
I82.502	Chronic embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
I82.503	Chronic embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.509	Chronic embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.51	Chronic embolism and thrombosis of femoral vein	Diagnosis	ICD-10-CM
I82.511	Chronic embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
I82.512	Chronic embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
I82.513	Chronic embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
I82.519	Chronic embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
I82.52	Chronic embolism and thrombosis of iliac vein	Diagnosis	ICD-10-CM
I82.521	Chronic embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
I82.522	Chronic embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
I82.523	Chronic embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
I82.529	Chronic embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
I82.53	Chronic embolism and thrombosis of popliteal vein	Diagnosis	ICD-10-CM
I82.531	Chronic embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
I82.532	Chronic embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
I82.533	Chronic embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
I82.539	Chronic embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
I82.54	Chronic embolism and thrombosis of tibial vein	Diagnosis	ICD-10-CM
I82.541	Chronic embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.542	Chronic embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
I82.543	Chronic embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
I82.549	Chronic embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
I82.55	Chronic embolism and thrombosis of peroneal vein	Diagnosis	ICD-10-CM
I82.551	Chronic embolism and thrombosis of right peroneal vein	Diagnosis	ICD-10-CM
I82.552	Chronic embolism and thrombosis of left peroneal vein	Diagnosis	ICD-10-CM
I82.553	Chronic embolism and thrombosis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
I82.559	Chronic embolism and thrombosis of unspecified peroneal vein	Diagnosis	ICD-10-CM
I82.56	Chronic embolism and thrombosis of calf muscular vein	Diagnosis	ICD-10-CM
I82.561	Chronic embolism and thrombosis of right calf muscular vein	Diagnosis	ICD-10-CM
I82.562	Chronic embolism and thrombosis of left calf muscular vein	Diagnosis	ICD-10-CM
I82.563	Chronic embolism and thrombosis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
I82.569	Chronic embolism and thrombosis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
I82.59	Chronic embolism and thrombosis of other specified deep vein of lower extremity	Diagnosis	ICD-10-CM
I82.591	Chronic embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
I82.592	Chronic embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
I82.593	Chronic embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.599	Chronic embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.5Y	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Y1	Chronic embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Y2	Chronic embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Y3	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.5Y9	Chronic embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Z	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity	Diagnosis	ICD-10-CM
I82.5Z1	Chronic embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
I82.5Z2	Chronic embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
I82.5Z3	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.5Z9	Chronic embolism and thrombosis of unspecified deep veins of unspecified distal lower extremity	Diagnosis	ICD-10-CM
I82.6	Acute embolism and thrombosis of veins of upper extremity	Diagnosis	ICD-10-CM
I82.60	Acute embolism and thrombosis of unspecified veins of upper extremity	Diagnosis	ICD-10-CM
I82.601	Acute embolism and thrombosis of unspecified veins of right upper extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.602	Acute embolism and thrombosis of unspecified veins of left upper extremity	Diagnosis	ICD-10-CM
I82.603	Acute embolism and thrombosis of unspecified veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.609	Acute embolism and thrombosis of unspecified veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.61	Acute embolism and thrombosis of superficial veins of upper extremity	Diagnosis	ICD-10-CM
I82.611	Acute embolism and thrombosis of superficial veins of right upper extremity	Diagnosis	ICD-10-CM
I82.612	Acute embolism and thrombosis of superficial veins of left upper extremity	Diagnosis	ICD-10-CM
I82.613	Acute embolism and thrombosis of superficial veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.619	Acute embolism and thrombosis of superficial veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.62	Acute embolism and thrombosis of deep veins of upper extremity	Diagnosis	ICD-10-CM
I82.621	Acute embolism and thrombosis of deep veins of right upper extremity	Diagnosis	ICD-10-CM
I82.622	Acute embolism and thrombosis of deep veins of left upper extremity	Diagnosis	ICD-10-CM
I82.623	Acute embolism and thrombosis of deep veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.629	Acute embolism and thrombosis of deep veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.7	Chronic embolism and thrombosis of veins of upper extremity	Diagnosis	ICD-10-CM
I82.70	Chronic embolism and thrombosis of unspecified veins of upper extremity	Diagnosis	ICD-10-CM
I82.701	Chronic embolism and thrombosis of unspecified veins of right upper extremity	Diagnosis	ICD-10-CM
I82.702	Chronic embolism and thrombosis of unspecified veins of left upper extremity	Diagnosis	ICD-10-CM
I82.703	Chronic embolism and thrombosis of unspecified veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.709	Chronic embolism and thrombosis of unspecified veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.71	Chronic embolism and thrombosis of superficial veins of upper extremity	Diagnosis	ICD-10-CM
I82.711	Chronic embolism and thrombosis of superficial veins of right upper extremity	Diagnosis	ICD-10-CM
I82.712	Chronic embolism and thrombosis of superficial veins of left upper extremity	Diagnosis	ICD-10-CM
I82.713	Chronic embolism and thrombosis of superficial veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.719	Chronic embolism and thrombosis of superficial veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.72	Chronic embolism and thrombosis of deep veins of upper extremity	Diagnosis	ICD-10-CM
I82.721	Chronic embolism and thrombosis of deep veins of right upper extremity	Diagnosis	ICD-10-CM
I82.722	Chronic embolism and thrombosis of deep veins of left upper extremity	Diagnosis	ICD-10-CM
I82.723	Chronic embolism and thrombosis of deep veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.729	Chronic embolism and thrombosis of deep veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.8	Embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.81	Embolism and thrombosis of superficial veins of lower extremities	Diagnosis	ICD-10-CM
I82.811	Embolism and thrombosis of superficial veins of right lower extremity	Diagnosis	ICD-10-CM
I82.812	Embolism and thrombosis of superficial veins of left lower extremity	Diagnosis	ICD-10-CM
I82.813	Embolism and thrombosis of superficial veins of lower extremities, bilateral	Diagnosis	ICD-10-CM
I82.819	Embolism and thrombosis of superficial veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.89	Embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.890	Acute embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.891	Chronic embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.9	Embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
I82.90	Acute embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
I82.91	Chronic embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
I82.A	Embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A1	Acute embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A11	Acute embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A12	Acute embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A13	Acute embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A19	Acute embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
I82.A2	Chronic embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A21	Chronic embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A22	Chronic embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A23	Chronic embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A29	Chronic embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
I82.B	Embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B1	Acute embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B11	Acute embolism and thrombosis of right subclavian vein	Diagnosis	ICD-10-CM
I82.B12	Acute embolism and thrombosis of left subclavian vein	Diagnosis	ICD-10-CM
I82.B13	Acute embolism and thrombosis of subclavian vein, bilateral	Diagnosis	ICD-10-CM
I82.B19	Acute embolism and thrombosis of unspecified subclavian vein	Diagnosis	ICD-10-CM
I82.B2	Chronic embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B21	Chronic embolism and thrombosis of right subclavian vein	Diagnosis	ICD-10-CM
I82.B22	Chronic embolism and thrombosis of left subclavian vein	Diagnosis	ICD-10-CM
I82.B23	Chronic embolism and thrombosis of subclavian vein, bilateral	Diagnosis	ICD-10-CM
I82.B29	Chronic embolism and thrombosis of unspecified subclavian vein	Diagnosis	ICD-10-CM
I82.C	Embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
I82.C1	Acute embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
I82.C11	Acute embolism and thrombosis of right internal jugular vein	Diagnosis	ICD-10-CM
I82.C12	Acute embolism and thrombosis of left internal jugular vein	Diagnosis	ICD-10-CM
I82.C13	Acute embolism and thrombosis of internal jugular vein, bilateral	Diagnosis	ICD-10-CM
I82.C19	Acute embolism and thrombosis of unspecified internal jugular vein	Diagnosis	ICD-10-CM
I82.C2	Chronic embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
I82.C21	Chronic embolism and thrombosis of right internal jugular vein	Diagnosis	ICD-10-CM
I82.C22	Chronic embolism and thrombosis of left internal jugular vein	Diagnosis	ICD-10-CM
I82.C23	Chronic embolism and thrombosis of internal jugular vein, bilateral	Diagnosis	ICD-10-CM
I82.C29	Chronic embolism and thrombosis of unspecified internal jugular vein	Diagnosis	ICD-10-CM
I83.0	Varicose veins of lower extremities with ulcer	Diagnosis	ICD-10-CM
I83.00	Varicose veins of unspecified lower extremity with ulcer	Diagnosis	ICD-10-CM
I83.001	Varicose veins of unspecified lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
I83.002	Varicose veins of unspecified lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
I83.003	Varicose veins of unspecified lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
I83.004	Varicose veins of unspecified lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
I83.005	Varicose veins of unspecified lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
I83.008	Varicose veins of unspecified lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
I83.009	Varicose veins of unspecified lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I83.01	Varicose veins of right lower extremity with ulcer	Diagnosis	ICD-10-CM
I83.011	Varicose veins of right lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
I83.012	Varicose veins of right lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
I83.013	Varicose veins of right lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
I83.014	Varicose veins of right lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
I83.015	Varicose veins of right lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
I83.018	Varicose veins of right lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
I83.019	Varicose veins of right lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
I83.02	Varicose veins of left lower extremity with ulcer	Diagnosis	ICD-10-CM
I83.021	Varicose veins of left lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
I83.022	Varicose veins of left lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
I83.023	Varicose veins of left lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
I83.024	Varicose veins of left lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
I83.025	Varicose veins of left lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
I83.028	Varicose veins of left lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
I83.029	Varicose veins of left lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
I83.1	Varicose veins of lower extremities with inflammation	Diagnosis	ICD-10-CM
I83.10	Varicose veins of unspecified lower extremity with inflammation	Diagnosis	ICD-10-CM
I83.11	Varicose veins of right lower extremity with inflammation	Diagnosis	ICD-10-CM
I83.12	Varicose veins of left lower extremity with inflammation	Diagnosis	ICD-10-CM
I83.2	Varicose veins of lower extremities with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.20	Varicose veins of unspecified lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.201	Varicose veins of unspecified lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
I83.202	Varicose veins of unspecified lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
I83.203	Varicose veins of unspecified lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.204	Varicose veins of unspecified lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.205	Varicose veins of unspecified lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
I83.208	Varicose veins of unspecified lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
I83.209	Varicose veins of unspecified lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
I83.21	Varicose veins of right lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.211	Varicose veins of right lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
I83.212	Varicose veins of right lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
I83.213	Varicose veins of right lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.214	Varicose veins of right lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.215	Varicose veins of right lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
I83.218	Varicose veins of right lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
I83.219	Varicose veins of right lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
I83.22	Varicose veins of left lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.221	Varicose veins of left lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
I83.222	Varicose veins of left lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
I83.223	Varicose veins of left lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.224	Varicose veins of left lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.225	Varicose veins of left lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
I83.228	Varicose veins of left lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
I83.229	Varicose veins of left lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
I83.8	Varicose veins of lower extremities with other complications	Diagnosis	ICD-10-CM
I83.81	Varicose veins of lower extremities with pain	Diagnosis	ICD-10-CM
I83.811	Varicose veins of right lower extremity with pain	Diagnosis	ICD-10-CM
I83.812	Varicose veins of left lower extremity with pain	Diagnosis	ICD-10-CM
I83.813	Varicose veins of bilateral lower extremities with pain	Diagnosis	ICD-10-CM
I83.819	Varicose veins of unspecified lower extremity with pain	Diagnosis	ICD-10-CM
I83.89	Varicose veins of lower extremities with other complications	Diagnosis	ICD-10-CM
I83.891	Varicose veins of right lower extremity with other complications	Diagnosis	ICD-10-CM
I83.892	Varicose veins of left lower extremity with other complications	Diagnosis	ICD-10-CM
I83.893	Varicose veins of bilateral lower extremities with other complications	Diagnosis	ICD-10-CM
I83.899	Varicose veins of unspecified lower extremity with other complications	Diagnosis	ICD-10-CM
I83.9	Asymptomatic varicose veins of lower extremities	Diagnosis	ICD-10-CM
I83.90	Asymptomatic varicose veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I83.91	Asymptomatic varicose veins of right lower extremity	Diagnosis	ICD-10-CM
I83.92	Asymptomatic varicose veins of left lower extremity	Diagnosis	ICD-10-CM
I83.93	Asymptomatic varicose veins of bilateral lower extremities	Diagnosis	ICD-10-CM
I85.0	Esophageal varices	Diagnosis	ICD-10-CM
I85.00	Esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
I85.1	Secondary esophageal varices	Diagnosis	ICD-10-CM
I85.10	Secondary esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
I86.0	Sublingual varices	Diagnosis	ICD-10-CM
I86.1	Scrotal varices	Diagnosis	ICD-10-CM
I86.2	Pelvic varices	Diagnosis	ICD-10-CM
I86.3	Vulval varices	Diagnosis	ICD-10-CM
I86.4	Gastric varices	Diagnosis	ICD-10-CM
I86.8	Varicose veins of other specified sites	Diagnosis	ICD-10-CM
I87.0	Postthrombotic syndrome	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I87.00	Postthrombotic syndrome without complications	Diagnosis	ICD-10-CM
I87.001	Postthrombotic syndrome without complications of right lower extremity	Diagnosis	ICD-10-CM
I87.002	Postthrombotic syndrome without complications of left lower extremity	Diagnosis	ICD-10-CM
I87.003	Postthrombotic syndrome without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.009	Postthrombotic syndrome without complications of unspecified extremity	Diagnosis	ICD-10-CM
I87.01	Postthrombotic syndrome with ulcer	Diagnosis	ICD-10-CM
I87.011	Postthrombotic syndrome with ulcer of right lower extremity	Diagnosis	ICD-10-CM
I87.012	Postthrombotic syndrome with ulcer of left lower extremity	Diagnosis	ICD-10-CM
I87.013	Postthrombotic syndrome with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.019	Postthrombotic syndrome with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.02	Postthrombotic syndrome with inflammation	Diagnosis	ICD-10-CM
I87.021	Postthrombotic syndrome with inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.022	Postthrombotic syndrome with inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.023	Postthrombotic syndrome with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.029	Postthrombotic syndrome with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.03	Postthrombotic syndrome with ulcer and inflammation	Diagnosis	ICD-10-CM
I87.031	Postthrombotic syndrome with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.032	Postthrombotic syndrome with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.033	Postthrombotic syndrome with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.039	Postthrombotic syndrome with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.09	Postthrombotic syndrome with other complications	Diagnosis	ICD-10-CM
I87.091	Postthrombotic syndrome with other complications of right lower extremity	Diagnosis	ICD-10-CM
I87.092	Postthrombotic syndrome with other complications of left lower extremity	Diagnosis	ICD-10-CM
I87.093	Postthrombotic syndrome with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.099	Postthrombotic syndrome with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.1	Compression of vein	Diagnosis	ICD-10-CM
I87.2	Venous insufficiency (chronic) (peripheral)	Diagnosis	ICD-10-CM
I87.3	Chronic venous hypertension (idiopathic)	Diagnosis	ICD-10-CM
I87.30	Chronic venous hypertension (idiopathic) without complications	Diagnosis	ICD-10-CM
I87.301	Chronic venous hypertension (idiopathic) without complications of right lower extremity	Diagnosis	ICD-10-CM
I87.302	Chronic venous hypertension (idiopathic) without complications of left lower extremity	Diagnosis	ICD-10-CM
I87.303	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.309	Chronic venous hypertension (idiopathic) without complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.31	Chronic venous hypertension (idiopathic) with ulcer	Diagnosis	ICD-10-CM
I87.311	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity	Diagnosis	ICD-10-CM
I87.312	Chronic venous hypertension (idiopathic) with ulcer of left lower extremity	Diagnosis	ICD-10-CM
I87.313	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I87.319	Chronic venous hypertension (idiopathic) with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.32	Chronic venous hypertension (idiopathic) with inflammation	Diagnosis	ICD-10-CM
I87.321	Chronic venous hypertension (idiopathic) with inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.322	Chronic venous hypertension (idiopathic) with inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.323	Chronic venous hypertension (idiopathic) with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.329	Chronic venous hypertension (idiopathic) with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.33	Chronic venous hypertension (idiopathic) with ulcer and inflammation	Diagnosis	ICD-10-CM
I87.331	Chronic venous hypertension (idiopathic) with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.332	Chronic venous hypertension (idiopathic) with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.333	Chronic venous hypertension (idiopathic) with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.339	Chronic venous hypertension (idiopathic) with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.39	Chronic venous hypertension (idiopathic) with other complications	Diagnosis	ICD-10-CM
I87.391	Chronic venous hypertension (idiopathic) with other complications of right lower extremity	Diagnosis	ICD-10-CM
I87.392	Chronic venous hypertension (idiopathic) with other complications of left lower extremity	Diagnosis	ICD-10-CM
I87.393	Chronic venous hypertension (idiopathic) with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.399	Chronic venous hypertension (idiopathic) with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.8	Other specified disorders of veins	Diagnosis	ICD-10-CM
I87.9	Disorder of vein, unspecified	Diagnosis	ICD-10-CM
I88.0	Nonspecific mesenteric lymphadenitis	Diagnosis	ICD-10-CM
I88.1	Chronic lymphadenitis, except mesenteric	Diagnosis	ICD-10-CM
I88.8	Other nonspecific lymphadenitis	Diagnosis	ICD-10-CM
I88.9	Nonspecific lymphadenitis, unspecified	Diagnosis	ICD-10-CM
I89.0	Lymphedema, not elsewhere classified	Diagnosis	ICD-10-CM
I89.1	Lymphangitis	Diagnosis	ICD-10-CM
I89.8	Other specified noninfective disorders of lymphatic vessels and lymph nodes	Diagnosis	ICD-10-CM
I89.9	Noninfective disorder of lymphatic vessels and lymph nodes, unspecified	Diagnosis	ICD-10-CM
I95.0	Idiopathic hypotension	Diagnosis	ICD-10-CM
I95.1	Orthostatic hypotension	Diagnosis	ICD-10-CM
I95.2	Hypotension due to drugs	Diagnosis	ICD-10-CM
I95.3	Hypotension of hemodialysis	Diagnosis	ICD-10-CM
I95.8	Other hypotension	Diagnosis	ICD-10-CM
I95.81	Postprocedural hypotension	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I95.89	Other hypotension	Diagnosis	ICD-10-CM
I95.9	Hypotension, unspecified	Diagnosis	ICD-10-CM
I97.0	Postcardiotomy syndrome	Diagnosis	ICD-10-CM
I97.1	Other postprocedural cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.11	Postprocedural cardiac insufficiency	Diagnosis	ICD-10-CM
I97.110	Postprocedural cardiac insufficiency following cardiac surgery	Diagnosis	ICD-10-CM
I97.111	Postprocedural cardiac insufficiency following other surgery	Diagnosis	ICD-10-CM
I97.12	Postprocedural cardiac arrest	Diagnosis	ICD-10-CM
I97.120	Postprocedural cardiac arrest following cardiac surgery	Diagnosis	ICD-10-CM
I97.121	Postprocedural cardiac arrest following other surgery	Diagnosis	ICD-10-CM
I97.13	Postprocedural heart failure	Diagnosis	ICD-10-CM
I97.130	Postprocedural heart failure following cardiac surgery	Diagnosis	ICD-10-CM
I97.131	Postprocedural heart failure following other surgery	Diagnosis	ICD-10-CM
I97.19	Other postprocedural cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery	Diagnosis	ICD-10-CM
I97.191	Other postprocedural cardiac functional disturbances following other surgery	Diagnosis	ICD-10-CM
I97.2	Postmastectomy lymphedema syndrome	Diagnosis	ICD-10-CM
I97.3	Postprocedural hypertension	Diagnosis	ICD-10-CM
I97.4	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a procedure	Diagnosis	ICD-10-CM
I97.41	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a circulatory system procedure	Diagnosis	ICD-10-CM
I97.410	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a cardiac catheterization	Diagnosis	ICD-10-CM
I97.411	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a cardiac bypass	Diagnosis	ICD-10-CM
I97.418	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating other circulatory system procedure	Diagnosis	ICD-10-CM
I97.42	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
I97.5	Accidental puncture and laceration of a circulatory system organ or structure during a procedure	Diagnosis	ICD-10-CM
I97.51	Accidental puncture and laceration of a circulatory system organ or structure during a circulatory system procedure	Diagnosis	ICD-10-CM
I97.52	Accidental puncture and laceration of a circulatory system organ or structure during other procedure	Diagnosis	ICD-10-CM
I97.6	Postprocedural hemorrhage, hematoma and seroma of a circulatory system organ or structure following a procedure	Diagnosis	ICD-10-CM
I97.61	Postprocedural hemorrhage of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM
I97.610	Postprocedural hemorrhage of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
I97.611	Postprocedural hemorrhage of a circulatory system organ or structure following a cardiac bypass	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I97.618	Postprocedural hemorrhage of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
I97.62	Postprocedural hemorrhage, hematoma and seroma of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.620	Postprocedural hemorrhage of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.621	Postprocedural hematoma of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.622	Postprocedural seroma of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.63	Postprocedural hematoma of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM
I97.630	Postprocedural hematoma of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
I97.631	Postprocedural hematoma of a circulatory system organ or structure following cardiac bypass	Diagnosis	ICD-10-CM
I97.638	Postprocedural hematoma of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
I97.64	Postprocedural seroma of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM
I97.640	Postprocedural seroma of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
I97.641	Postprocedural seroma of a circulatory system organ or structure following cardiac bypass	Diagnosis	ICD-10-CM
I97.648	Postprocedural seroma of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
I97.7	Intraoperative cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.71	Intraoperative cardiac arrest	Diagnosis	ICD-10-CM
I97.710	Intraoperative cardiac arrest during cardiac surgery	Diagnosis	ICD-10-CM
I97.711	Intraoperative cardiac arrest during other surgery	Diagnosis	ICD-10-CM
I97.79	Other intraoperative cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery	Diagnosis	ICD-10-CM
I97.791	Other intraoperative cardiac functional disturbances during other surgery	Diagnosis	ICD-10-CM
I97.8	Other intraoperative and postprocedural complications and disorders of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
I97.81	Intraoperative cerebrovascular infarction	Diagnosis	ICD-10-CM
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
I97.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
I97.82	Postprocedural cerebrovascular infarction	Diagnosis	ICD-10-CM
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
I97.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM
I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I99.8	Other disorder of circulatory system	Diagnosis	ICD-10-CM
I99.9	Unspecified disorder of circulatory system	Diagnosis	ICD-10-CM
Chromosomal Anomalies			
Q90.0	Trisomy 21, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q90.1	Trisomy 21, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q90.2	Trisomy 21, translocation	Diagnosis	ICD-10-CM
Q90.9	Down syndrome, unspecified	Diagnosis	ICD-10-CM
Q91.0	Trisomy 18, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q91.1	Trisomy 18, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q91.2	Trisomy 18, translocation	Diagnosis	ICD-10-CM
Q91.3	Trisomy 18, unspecified	Diagnosis	ICD-10-CM
Q91.4	Trisomy 13, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q91.5	Trisomy 13, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q91.6	Trisomy 13, translocation	Diagnosis	ICD-10-CM
Q91.7	Trisomy 13, unspecified	Diagnosis	ICD-10-CM
Q92.0	Whole chromosome trisomy, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q92.1	Whole chromosome trisomy, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q92.2	Partial trisomy	Diagnosis	ICD-10-CM
Q92.5	Duplications with other complex rearrangements	Diagnosis	ICD-10-CM
Q92.6	Marker chromosomes	Diagnosis	ICD-10-CM
Q92.61	Marker chromosomes in normal individual	Diagnosis	ICD-10-CM
Q92.62	Marker chromosomes in abnormal individual	Diagnosis	ICD-10-CM
Q92.7	Triploidy and polyploidy	Diagnosis	ICD-10-CM
Q92.8	Other specified trisomies and partial trisomies of autosomes	Diagnosis	ICD-10-CM
Q92.9	Trisomy and partial trisomy of autosomes, unspecified	Diagnosis	ICD-10-CM
Q93.0	Whole chromosome monosomy, nonmosaicism (meiotic nondisjunction)	Diagnosis	ICD-10-CM
Q93.1	Whole chromosome monosomy, mosaicism (mitotic nondisjunction)	Diagnosis	ICD-10-CM
Q93.2	Chromosome replaced with ring, dicentric or isochromosome	Diagnosis	ICD-10-CM
Q93.3	Deletion of short arm of chromosome 4	Diagnosis	ICD-10-CM
Q93.4	Deletion of short arm of chromosome 5	Diagnosis	ICD-10-CM
Q93.5	Other deletions of part of a chromosome	Diagnosis	ICD-10-CM
Q93.51	Angelman syndrome	Diagnosis	ICD-10-CM
Q93.59	Other deletions of part of a chromosome	Diagnosis	ICD-10-CM
Q93.7	Deletions with other complex rearrangements	Diagnosis	ICD-10-CM
Q93.8	Other deletions from the autosomes	Diagnosis	ICD-10-CM
Q93.81	Velo-cardio-facial syndrome	Diagnosis	ICD-10-CM
Q93.82	Williams syndrome	Diagnosis	ICD-10-CM
Q93.88	Other microdeletions	Diagnosis	ICD-10-CM
Q93.89	Other deletions from the autosomes	Diagnosis	ICD-10-CM
Q93.9	Deletion from autosomes, unspecified	Diagnosis	ICD-10-CM
Q95.0	Balanced translocation and insertion in normal individual	Diagnosis	ICD-10-CM
Q95.1	Chromosome inversion in normal individual	Diagnosis	ICD-10-CM
Q95.2	Balanced autosomal rearrangement in abnormal individual	Diagnosis	ICD-10-CM
Q95.3	Balanced sex/autosomal rearrangement in abnormal individual	Diagnosis	ICD-10-CM
Q95.5	Individual with autosomal fragile site	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q95.8	Other balanced rearrangements and structural markers	Diagnosis	ICD-10-CM
Q95.9	Balanced rearrangement and structural marker, unspecified	Diagnosis	ICD-10-CM
Q96.0	Karyotype 45, X	Diagnosis	ICD-10-CM
Q96.1	Karyotype 46, X iso (Xq)	Diagnosis	ICD-10-CM
Q96.2	Karyotype 46, X with abnormal sex chromosome, except iso (Xq)	Diagnosis	ICD-10-CM
Q96.3	Mosaicism, 45, X/46, XX or XY	Diagnosis	ICD-10-CM
Q96.4	Mosaicism, 45, X/other cell line(s) with abnormal sex chromosome	Diagnosis	ICD-10-CM
Q96.8	Other variants of Turner's syndrome	Diagnosis	ICD-10-CM
Q96.9	Turner's syndrome, unspecified	Diagnosis	ICD-10-CM
Q97.0	Karyotype 47, XXX	Diagnosis	ICD-10-CM
Q97.1	Female with more than three X chromosomes	Diagnosis	ICD-10-CM
Q97.2	Mosaicism, lines with various numbers of X chromosomes	Diagnosis	ICD-10-CM
Q97.3	Female with 46, XY karyotype	Diagnosis	ICD-10-CM
Q97.8	Other specified sex chromosome abnormalities, female phenotype	Diagnosis	ICD-10-CM
Q97.9	Sex chromosome abnormality, female phenotype, unspecified	Diagnosis	ICD-10-CM
Q98.0	Klinefelter syndrome karyotype 47, XXY	Diagnosis	ICD-10-CM
Q98.1	Klinefelter syndrome, male with more than two X chromosomes	Diagnosis	ICD-10-CM
Q98.3	Other male with 46, XX karyotype	Diagnosis	ICD-10-CM
Q98.4	Klinefelter syndrome, unspecified	Diagnosis	ICD-10-CM
Q98.5	Karyotype 47, XYY	Diagnosis	ICD-10-CM
Q98.6	Male with structurally abnormal sex chromosome	Diagnosis	ICD-10-CM
Q98.7	Male with sex chromosome mosaicism	Diagnosis	ICD-10-CM
Q98.8	Other specified sex chromosome abnormalities, male phenotype	Diagnosis	ICD-10-CM
Q98.9	Sex chromosome abnormality, male phenotype, unspecified	Diagnosis	ICD-10-CM
Q99.0	Chimera 46, XX/46, XY	Diagnosis	ICD-10-CM
Q99.1	46, XX true hermaphrodite	Diagnosis	ICD-10-CM
Q99.2	Fragile X chromosome	Diagnosis	ICD-10-CM
Q99.8	Other specified chromosome abnormalities	Diagnosis	ICD-10-CM
Q99.9	Chromosomal abnormality, unspecified	Diagnosis	ICD-10-CM
Conduct Disorder			
F91.0	Conduct disorder confined to family context	Diagnosis	ICD-10-CM
F91.1	Conduct disorder, childhood-onset type	Diagnosis	ICD-10-CM
F91.2	Conduct disorder, adolescent-onset type	Diagnosis	ICD-10-CM
F91.3	Oppositional defiant disorder	Diagnosis	ICD-10-CM
F91.8	Other conduct disorders	Diagnosis	ICD-10-CM
F91.9	Conduct disorder, unspecified	Diagnosis	ICD-10-CM
Congenital Malformations			
Q00.0	Anencephaly	Diagnosis	ICD-10-CM
Q00.1	Craniorachischisis	Diagnosis	ICD-10-CM
Q00.2	Iniencephaly	Diagnosis	ICD-10-CM
Q01.0	Frontal encephalocele	Diagnosis	ICD-10-CM
Q01.1	Nasofrontal encephalocele	Diagnosis	ICD-10-CM
Q01.2	Occipital encephalocele	Diagnosis	ICD-10-CM
Q01.8	Encephalocele of other sites	Diagnosis	ICD-10-CM
Q01.9	Encephalocele, unspecified	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q03.0	Malformations of aqueduct of Sylvius	Diagnosis	ICD-10-CM
Q03.1	Atresia of foramina of Magendie and Luschka	Diagnosis	ICD-10-CM
Q03.8	Other congenital hydrocephalus	Diagnosis	ICD-10-CM
Q03.9	Congenital hydrocephalus, unspecified	Diagnosis	ICD-10-CM
Q04.0	Congenital malformations of corpus callosum	Diagnosis	ICD-10-CM
Q04.1	Arhinencephaly	Diagnosis	ICD-10-CM
Q04.2	Holoprosencephaly	Diagnosis	ICD-10-CM
Q04.3	Other reduction deformities of brain	Diagnosis	ICD-10-CM
Q04.4	Septo-optic dysplasia of brain	Diagnosis	ICD-10-CM
Q04.5	Megalencephaly	Diagnosis	ICD-10-CM
Q04.6	Congenital cerebral cysts	Diagnosis	ICD-10-CM
Q04.8	Other specified congenital malformations of brain	Diagnosis	ICD-10-CM
Q04.9	Congenital malformation of brain, unspecified	Diagnosis	ICD-10-CM
Q05.0	Cervical spina bifida with hydrocephalus	Diagnosis	ICD-10-CM
Q05.1	Thoracic spina bifida with hydrocephalus	Diagnosis	ICD-10-CM
Q05.2	Lumbar spina bifida with hydrocephalus	Diagnosis	ICD-10-CM
Q05.3	Sacral spina bifida with hydrocephalus	Diagnosis	ICD-10-CM
Q05.4	Unspecified spina bifida with hydrocephalus	Diagnosis	ICD-10-CM
Q05.5	Cervical spina bifida without hydrocephalus	Diagnosis	ICD-10-CM
Q05.6	Thoracic spina bifida without hydrocephalus	Diagnosis	ICD-10-CM
Q05.7	Lumbar spina bifida without hydrocephalus	Diagnosis	ICD-10-CM
Q05.8	Sacral spina bifida without hydrocephalus	Diagnosis	ICD-10-CM
Q05.9	Spina bifida, unspecified	Diagnosis	ICD-10-CM
Q06.0	Amyelia	Diagnosis	ICD-10-CM
Q06.1	Hypoplasia and dysplasia of spinal cord	Diagnosis	ICD-10-CM
Q06.2	Diastematomyelia	Diagnosis	ICD-10-CM
Q06.3	Other congenital cauda equina malformations	Diagnosis	ICD-10-CM
Q06.4	Hydromyelia	Diagnosis	ICD-10-CM
Q06.8	Other specified congenital malformations of spinal cord	Diagnosis	ICD-10-CM
Q06.9	Congenital malformation of spinal cord, unspecified	Diagnosis	ICD-10-CM
Q07.0	Arnold-Chiari syndrome	Diagnosis	ICD-10-CM
Q07.00	Arnold-Chiari syndrome without spina bifida or hydrocephalus	Diagnosis	ICD-10-CM
Q07.01	Arnold-Chiari syndrome with spina bifida	Diagnosis	ICD-10-CM
Q07.02	Arnold-Chiari syndrome with hydrocephalus	Diagnosis	ICD-10-CM
Q07.03	Arnold-Chiari syndrome with spina bifida and hydrocephalus	Diagnosis	ICD-10-CM
Q07.8	Other specified congenital malformations of nervous system	Diagnosis	ICD-10-CM
Q07.9	Congenital malformation of nervous system, unspecified	Diagnosis	ICD-10-CM
Q10.0	Congenital ptosis	Diagnosis	ICD-10-CM
Q10.1	Congenital ectropion	Diagnosis	ICD-10-CM
Q10.2	Congenital entropion	Diagnosis	ICD-10-CM
Q10.3	Other congenital malformations of eyelid	Diagnosis	ICD-10-CM
Q10.4	Absence and agenesis of lacrimal apparatus	Diagnosis	ICD-10-CM
Q10.5	Congenital stenosis and stricture of lacrimal duct	Diagnosis	ICD-10-CM
Q10.6	Other congenital malformations of lacrimal apparatus	Diagnosis	ICD-10-CM
Q10.7	Congenital malformation of orbit	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q11.0	Cystic eyeball	Diagnosis	ICD-10-CM
Q11.1	Other anophthalmos	Diagnosis	ICD-10-CM
Q11.2	Microphthalmos	Diagnosis	ICD-10-CM
Q11.3	Macrophthalmos	Diagnosis	ICD-10-CM
Q12.0	Congenital cataract	Diagnosis	ICD-10-CM
Q12.1	Congenital displaced lens	Diagnosis	ICD-10-CM
Q12.2	Coloboma of lens	Diagnosis	ICD-10-CM
Q12.3	Congenital aphakia	Diagnosis	ICD-10-CM
Q12.4	Spherophakia	Diagnosis	ICD-10-CM
Q12.8	Other congenital lens malformations	Diagnosis	ICD-10-CM
Q12.9	Congenital lens malformation, unspecified	Diagnosis	ICD-10-CM
Q13.0	Coloboma of iris	Diagnosis	ICD-10-CM
Q13.1	Absence of iris	Diagnosis	ICD-10-CM
Q13.2	Other congenital malformations of iris	Diagnosis	ICD-10-CM
Q13.3	Congenital corneal opacity	Diagnosis	ICD-10-CM
Q13.4	Other congenital corneal malformations	Diagnosis	ICD-10-CM
Q13.5	Blue sclera	Diagnosis	ICD-10-CM
Q13.8	Other congenital malformations of anterior segment of eye	Diagnosis	ICD-10-CM
Q13.81	Rieger's anomaly	Diagnosis	ICD-10-CM
Q13.89	Other congenital malformations of anterior segment of eye	Diagnosis	ICD-10-CM
Q13.9	Congenital malformation of anterior segment of eye, unspecified	Diagnosis	ICD-10-CM
Q14.0	Congenital malformation of vitreous humor	Diagnosis	ICD-10-CM
Q14.1	Congenital malformation of retina	Diagnosis	ICD-10-CM
Q14.2	Congenital malformation of optic disc	Diagnosis	ICD-10-CM
Q14.3	Congenital malformation of choroid	Diagnosis	ICD-10-CM
Q14.8	Other congenital malformations of posterior segment of eye	Diagnosis	ICD-10-CM
Q14.9	Congenital malformation of posterior segment of eye, unspecified	Diagnosis	ICD-10-CM
Q15.0	Congenital glaucoma	Diagnosis	ICD-10-CM
Q15.8	Other specified congenital malformations of eye	Diagnosis	ICD-10-CM
Q15.9	Congenital malformation of eye, unspecified	Diagnosis	ICD-10-CM
Q16.0	Congenital absence of (ear) auricle	Diagnosis	ICD-10-CM
Q16.1	Congenital absence, atresia and stricture of auditory canal (external)	Diagnosis	ICD-10-CM
Q16.2	Absence of eustachian tube	Diagnosis	ICD-10-CM
Q16.3	Congenital malformation of ear ossicles	Diagnosis	ICD-10-CM
Q16.4	Other congenital malformations of middle ear	Diagnosis	ICD-10-CM
Q16.5	Congenital malformation of inner ear	Diagnosis	ICD-10-CM
Q16.9	Congenital malformation of ear causing impairment of hearing, unspecified	Diagnosis	ICD-10-CM
Q17.0	Accessory auricle	Diagnosis	ICD-10-CM
Q17.1	Macrotia	Diagnosis	ICD-10-CM
Q17.2	Microtia	Diagnosis	ICD-10-CM
Q17.3	Other misshapen ear	Diagnosis	ICD-10-CM
Q17.4	Misplaced ear	Diagnosis	ICD-10-CM
Q17.5	Prominent ear	Diagnosis	ICD-10-CM
Q17.8	Other specified congenital malformations of ear	Diagnosis	ICD-10-CM
Q17.9	Congenital malformation of ear, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q18.0	Sinus, fistula and cyst of branchial cleft	Diagnosis	ICD-10-CM
Q18.1	Preauricular sinus and cyst	Diagnosis	ICD-10-CM
Q18.2	Other branchial cleft malformations	Diagnosis	ICD-10-CM
Q18.3	Webbing of neck	Diagnosis	ICD-10-CM
Q18.4	Macrostomia	Diagnosis	ICD-10-CM
Q18.5	Microstomia	Diagnosis	ICD-10-CM
Q18.6	Macrocheilia	Diagnosis	ICD-10-CM
Q18.7	Microcheilia	Diagnosis	ICD-10-CM
Q18.8	Other specified congenital malformations of face and neck	Diagnosis	ICD-10-CM
Q18.9	Congenital malformation of face and neck, unspecified	Diagnosis	ICD-10-CM
Q20.0	Common arterial trunk	Diagnosis	ICD-10-CM
Q20.1	Double outlet right ventricle	Diagnosis	ICD-10-CM
Q20.2	Double outlet left ventricle	Diagnosis	ICD-10-CM
Q20.3	Discordant ventriculoarterial connection	Diagnosis	ICD-10-CM
Q20.4	Double inlet ventricle	Diagnosis	ICD-10-CM
Q20.5	Discordant atrioventricular connection	Diagnosis	ICD-10-CM
Q20.6	Isomerism of atrial appendages	Diagnosis	ICD-10-CM
Q20.8	Other congenital malformations of cardiac chambers and connections	Diagnosis	ICD-10-CM
Q20.9	Congenital malformation of cardiac chambers and connections, unspecified	Diagnosis	ICD-10-CM
Q21.0	Ventricular septal defect	Diagnosis	ICD-10-CM
Q21.1	Atrial septal defect	Diagnosis	ICD-10-CM
Q21.10	Atrial septal defect, unspecified	Diagnosis	ICD-10-CM
Q21.11	Secundum atrial septal defect	Diagnosis	ICD-10-CM
Q21.12	Patent foramen ovale	Diagnosis	ICD-10-CM
Q21.13	Coronary sinus atrial septal defect	Diagnosis	ICD-10-CM
Q21.14	Superior sinus venosus atrial septal defect	Diagnosis	ICD-10-CM
Q21.15	Inferior sinus venosus atrial septal defect	Diagnosis	ICD-10-CM
Q21.16	Sinus venosus atrial septal defect, unspecified	Diagnosis	ICD-10-CM
Q21.19	Other specified atrial septal defect	Diagnosis	ICD-10-CM
Q21.2	Atrioventricular septal defect	Diagnosis	ICD-10-CM
Q21.20	Atrioventricular septal defect, unspecified as to partial or complete	Diagnosis	ICD-10-CM
Q21.21	Partial atrioventricular septal defect	Diagnosis	ICD-10-CM
Q21.22	Transitional atrioventricular septal defect	Diagnosis	ICD-10-CM
Q21.23	Complete atrioventricular septal defect	Diagnosis	ICD-10-CM
Q21.3	Tetralogy of Fallot	Diagnosis	ICD-10-CM
Q21.4	Aortopulmonary septal defect	Diagnosis	ICD-10-CM
Q21.8	Other congenital malformations of cardiac septa	Diagnosis	ICD-10-CM
Q21.9	Congenital malformation of cardiac septum, unspecified	Diagnosis	ICD-10-CM
Q22.0	Pulmonary valve atresia	Diagnosis	ICD-10-CM
Q22.1	Congenital pulmonary valve stenosis	Diagnosis	ICD-10-CM
Q22.2	Congenital pulmonary valve insufficiency	Diagnosis	ICD-10-CM
Q22.3	Other congenital malformations of pulmonary valve	Diagnosis	ICD-10-CM
Q22.4	Congenital tricuspid stenosis	Diagnosis	ICD-10-CM
Q22.5	Ebstein's anomaly	Diagnosis	ICD-10-CM
Q22.6	Hypoplastic right heart syndrome	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q22.8	Other congenital malformations of tricuspid valve	Diagnosis	ICD-10-CM
Q22.9	Congenital malformation of tricuspid valve, unspecified	Diagnosis	ICD-10-CM
Q23.0	Congenital stenosis of aortic valve	Diagnosis	ICD-10-CM
Q23.1	Congenital insufficiency of aortic valve	Diagnosis	ICD-10-CM
Q23.2	Congenital mitral stenosis	Diagnosis	ICD-10-CM
Q23.3	Congenital mitral insufficiency	Diagnosis	ICD-10-CM
Q23.4	Hypoplastic left heart syndrome	Diagnosis	ICD-10-CM
Q23.8	Other congenital malformations of aortic and mitral valves	Diagnosis	ICD-10-CM
Q23.9	Congenital malformation of aortic and mitral valves, unspecified	Diagnosis	ICD-10-CM
Q24.0	Dextrocardia	Diagnosis	ICD-10-CM
Q24.1	Levocardia	Diagnosis	ICD-10-CM
Q24.2	Cor triatriatum	Diagnosis	ICD-10-CM
Q24.3	Pulmonary infundibular stenosis	Diagnosis	ICD-10-CM
Q24.4	Congenital subaortic stenosis	Diagnosis	ICD-10-CM
Q24.5	Malformation of coronary vessels	Diagnosis	ICD-10-CM
Q24.6	Congenital heart block	Diagnosis	ICD-10-CM
Q24.8	Other specified congenital malformations of heart	Diagnosis	ICD-10-CM
Q24.9	Congenital malformation of heart, unspecified	Diagnosis	ICD-10-CM
Q25.0	Patent ductus arteriosus	Diagnosis	ICD-10-CM
Q25.1	Coarctation of aorta	Diagnosis	ICD-10-CM
Q25.2	Atresia of aorta	Diagnosis	ICD-10-CM
Q25.21	Interruption of aortic arch	Diagnosis	ICD-10-CM
Q25.29	Other atresia of aorta	Diagnosis	ICD-10-CM
Q25.3	Supravalvular aortic stenosis	Diagnosis	ICD-10-CM
Q25.4	Other congenital malformations of aorta	Diagnosis	ICD-10-CM
Q25.40	Congenital malformation of aorta unspecified	Diagnosis	ICD-10-CM
Q25.41	Absence and aplasia of aorta	Diagnosis	ICD-10-CM
Q25.42	Hypoplasia of aorta	Diagnosis	ICD-10-CM
Q25.43	Congenital aneurysm of aorta	Diagnosis	ICD-10-CM
Q25.44	Congenital dilation of aorta	Diagnosis	ICD-10-CM
Q25.45	Double aortic arch	Diagnosis	ICD-10-CM
Q25.46	Tortuous aortic arch	Diagnosis	ICD-10-CM
Q25.47	Right aortic arch	Diagnosis	ICD-10-CM
Q25.48	Anomalous origin of subclavian artery	Diagnosis	ICD-10-CM
Q25.49	Other congenital malformations of aorta	Diagnosis	ICD-10-CM
Q25.5	Atresia of pulmonary artery	Diagnosis	ICD-10-CM
Q25.6	Stenosis of pulmonary artery	Diagnosis	ICD-10-CM
Q25.7	Other congenital malformations of pulmonary artery	Diagnosis	ICD-10-CM
Q25.71	Coarctation of pulmonary artery	Diagnosis	ICD-10-CM
Q25.72	Congenital pulmonary arteriovenous malformation	Diagnosis	ICD-10-CM
Q25.79	Other congenital malformations of pulmonary artery	Diagnosis	ICD-10-CM
Q25.8	Other congenital malformations of other great arteries	Diagnosis	ICD-10-CM
Q25.9	Congenital malformation of great arteries, unspecified	Diagnosis	ICD-10-CM
Q26.0	Congenital stenosis of vena cava	Diagnosis	ICD-10-CM
Q26.1	Persistent left superior vena cava	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q26.2	Total anomalous pulmonary venous connection	Diagnosis	ICD-10-CM
Q26.3	Partial anomalous pulmonary venous connection	Diagnosis	ICD-10-CM
Q26.4	Anomalous pulmonary venous connection, unspecified	Diagnosis	ICD-10-CM
Q26.5	Anomalous portal venous connection	Diagnosis	ICD-10-CM
Q26.6	Portal vein-hepatic artery fistula	Diagnosis	ICD-10-CM
Q26.8	Other congenital malformations of great veins	Diagnosis	ICD-10-CM
Q26.9	Congenital malformation of great vein, unspecified	Diagnosis	ICD-10-CM
Q27.0	Congenital absence and hypoplasia of umbilical artery	Diagnosis	ICD-10-CM
Q27.1	Congenital renal artery stenosis	Diagnosis	ICD-10-CM
Q27.2	Other congenital malformations of renal artery	Diagnosis	ICD-10-CM
Q27.3	Arteriovenous malformation (peripheral)	Diagnosis	ICD-10-CM
Q27.30	Arteriovenous malformation, site unspecified	Diagnosis	ICD-10-CM
Q27.31	Arteriovenous malformation of vessel of upper limb	Diagnosis	ICD-10-CM
Q27.32	Arteriovenous malformation of vessel of lower limb	Diagnosis	ICD-10-CM
Q27.33	Arteriovenous malformation of digestive system vessel	Diagnosis	ICD-10-CM
Q27.34	Arteriovenous malformation of renal vessel	Diagnosis	ICD-10-CM
Q27.39	Arteriovenous malformation, other site	Diagnosis	ICD-10-CM
Q27.4	Congenital phlebectasia	Diagnosis	ICD-10-CM
Q27.8	Other specified congenital malformations of peripheral vascular system	Diagnosis	ICD-10-CM
Q27.9	Congenital malformation of peripheral vascular system, unspecified	Diagnosis	ICD-10-CM
Q28.0	Arteriovenous malformation of precerebral vessels	Diagnosis	ICD-10-CM
Q28.1	Other malformations of precerebral vessels	Diagnosis	ICD-10-CM
Q28.2	Arteriovenous malformation of cerebral vessels	Diagnosis	ICD-10-CM
Q28.3	Other malformations of cerebral vessels	Diagnosis	ICD-10-CM
Q28.8	Other specified congenital malformations of circulatory system	Diagnosis	ICD-10-CM
Q28.9	Congenital malformation of circulatory system, unspecified	Diagnosis	ICD-10-CM
Q30.0	Choanal atresia	Diagnosis	ICD-10-CM
Q30.1	Agenesis and underdevelopment of nose	Diagnosis	ICD-10-CM
Q30.2	Fissured, notched and cleft nose	Diagnosis	ICD-10-CM
Q30.3	Congenital perforated nasal septum	Diagnosis	ICD-10-CM
Q30.8	Other congenital malformations of nose	Diagnosis	ICD-10-CM
Q30.9	Congenital malformation of nose, unspecified	Diagnosis	ICD-10-CM
Q31.0	Web of larynx	Diagnosis	ICD-10-CM
Q31.1	Congenital subglottic stenosis	Diagnosis	ICD-10-CM
Q31.2	Laryngeal hypoplasia	Diagnosis	ICD-10-CM
Q31.3	Laryngocele	Diagnosis	ICD-10-CM
Q31.5	Congenital laryngomalacia	Diagnosis	ICD-10-CM
Q31.8	Other congenital malformations of larynx	Diagnosis	ICD-10-CM
Q31.9	Congenital malformation of larynx, unspecified	Diagnosis	ICD-10-CM
Q32.0	Congenital tracheomalacia	Diagnosis	ICD-10-CM
Q32.1	Other congenital malformations of trachea	Diagnosis	ICD-10-CM
Q32.2	Congenital bronchomalacia	Diagnosis	ICD-10-CM
Q32.3	Congenital stenosis of bronchus	Diagnosis	ICD-10-CM
Q32.4	Other congenital malformations of bronchus	Diagnosis	ICD-10-CM
Q33.0	Congenital cystic lung	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q33.1	Accessory lobe of lung	Diagnosis	ICD-10-CM
Q33.2	Sequestration of lung	Diagnosis	ICD-10-CM
Q33.3	Agenesis of lung	Diagnosis	ICD-10-CM
Q33.4	Congenital bronchiectasis	Diagnosis	ICD-10-CM
Q33.5	Ectopic tissue in lung	Diagnosis	ICD-10-CM
Q33.6	Congenital hypoplasia and dysplasia of lung	Diagnosis	ICD-10-CM
Q33.8	Other congenital malformations of lung	Diagnosis	ICD-10-CM
Q33.9	Congenital malformation of lung, unspecified	Diagnosis	ICD-10-CM
Q34.0	Anomaly of pleura	Diagnosis	ICD-10-CM
Q34.1	Congenital cyst of mediastinum	Diagnosis	ICD-10-CM
Q34.8	Other specified congenital malformations of respiratory system	Diagnosis	ICD-10-CM
Q34.9	Congenital malformation of respiratory system, unspecified	Diagnosis	ICD-10-CM
Q35.1	Cleft hard palate	Diagnosis	ICD-10-CM
Q35.3	Cleft soft palate	Diagnosis	ICD-10-CM
Q35.5	Cleft hard palate with cleft soft palate	Diagnosis	ICD-10-CM
Q35.7	Cleft uvula	Diagnosis	ICD-10-CM
Q35.9	Cleft palate, unspecified	Diagnosis	ICD-10-CM
Q36.0	Cleft lip, bilateral	Diagnosis	ICD-10-CM
Q36.1	Cleft lip, median	Diagnosis	ICD-10-CM
Q36.9	Cleft lip, unilateral	Diagnosis	ICD-10-CM
Q37.0	Cleft hard palate with bilateral cleft lip	Diagnosis	ICD-10-CM
Q37.1	Cleft hard palate with unilateral cleft lip	Diagnosis	ICD-10-CM
Q37.2	Cleft soft palate with bilateral cleft lip	Diagnosis	ICD-10-CM
Q37.3	Cleft soft palate with unilateral cleft lip	Diagnosis	ICD-10-CM
Q37.4	Cleft hard and soft palate with bilateral cleft lip	Diagnosis	ICD-10-CM
Q37.5	Cleft hard and soft palate with unilateral cleft lip	Diagnosis	ICD-10-CM
Q37.8	Unspecified cleft palate with bilateral cleft lip	Diagnosis	ICD-10-CM
Q37.9	Unspecified cleft palate with unilateral cleft lip	Diagnosis	ICD-10-CM
Q38.0	Congenital malformations of lips, not elsewhere classified	Diagnosis	ICD-10-CM
Q38.1	Ankyloglossia	Diagnosis	ICD-10-CM
Q38.2	Macroglossia	Diagnosis	ICD-10-CM
Q38.3	Other congenital malformations of tongue	Diagnosis	ICD-10-CM
Q38.4	Congenital malformations of salivary glands and ducts	Diagnosis	ICD-10-CM
Q38.5	Congenital malformations of palate, not elsewhere classified	Diagnosis	ICD-10-CM
Q38.6	Other congenital malformations of mouth	Diagnosis	ICD-10-CM
Q38.7	Congenital pharyngeal pouch	Diagnosis	ICD-10-CM
Q38.8	Other congenital malformations of pharynx	Diagnosis	ICD-10-CM
Q39.0	Atresia of esophagus without fistula	Diagnosis	ICD-10-CM
Q39.1	Atresia of esophagus with tracheo-esophageal fistula	Diagnosis	ICD-10-CM
Q39.2	Congenital tracheo-esophageal fistula without atresia	Diagnosis	ICD-10-CM
Q39.3	Congenital stenosis and stricture of esophagus	Diagnosis	ICD-10-CM
Q39.4	Esophageal web	Diagnosis	ICD-10-CM
Q39.5	Congenital dilatation of esophagus	Diagnosis	ICD-10-CM
Q39.6	Congenital diverticulum of esophagus	Diagnosis	ICD-10-CM
Q39.8	Other congenital malformations of esophagus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q39.9	Congenital malformation of esophagus, unspecified	Diagnosis	ICD-10-CM
Q40.0	Congenital hypertrophic pyloric stenosis	Diagnosis	ICD-10-CM
Q40.1	Congenital hiatus hernia	Diagnosis	ICD-10-CM
Q40.2	Other specified congenital malformations of stomach	Diagnosis	ICD-10-CM
Q40.3	Congenital malformation of stomach, unspecified	Diagnosis	ICD-10-CM
Q40.8	Other specified congenital malformations of upper alimentary tract	Diagnosis	ICD-10-CM
Q40.9	Congenital malformation of upper alimentary tract, unspecified	Diagnosis	ICD-10-CM
Q41.0	Congenital absence, atresia and stenosis of duodenum	Diagnosis	ICD-10-CM
Q41.1	Congenital absence, atresia and stenosis of jejunum	Diagnosis	ICD-10-CM
Q41.2	Congenital absence, atresia and stenosis of ileum	Diagnosis	ICD-10-CM
Q41.8	Congenital absence, atresia and stenosis of other specified parts of small intestine	Diagnosis	ICD-10-CM
Q41.9	Congenital absence, atresia and stenosis of small intestine, part unspecified	Diagnosis	ICD-10-CM
Q42.0	Congenital absence, atresia and stenosis of rectum with fistula	Diagnosis	ICD-10-CM
Q42.1	Congenital absence, atresia and stenosis of rectum without fistula	Diagnosis	ICD-10-CM
Q42.2	Congenital absence, atresia and stenosis of anus with fistula	Diagnosis	ICD-10-CM
Q42.3	Congenital absence, atresia and stenosis of anus without fistula	Diagnosis	ICD-10-CM
Q42.8	Congenital absence, atresia and stenosis of other parts of large intestine	Diagnosis	ICD-10-CM
Q42.9	Congenital absence, atresia and stenosis of large intestine, part unspecified	Diagnosis	ICD-10-CM
Q43.0	Meckel's diverticulum (displaced) (hypertrophic)	Diagnosis	ICD-10-CM
Q43.1	Hirschsprung's disease	Diagnosis	ICD-10-CM
Q43.2	Other congenital functional disorders of colon	Diagnosis	ICD-10-CM
Q43.3	Congenital malformations of intestinal fixation	Diagnosis	ICD-10-CM
Q43.4	Duplication of intestine	Diagnosis	ICD-10-CM
Q43.5	Ectopic anus	Diagnosis	ICD-10-CM
Q43.6	Congenital fistula of rectum and anus	Diagnosis	ICD-10-CM
Q43.7	Persistent cloaca	Diagnosis	ICD-10-CM
Q43.8	Other specified congenital malformations of intestine	Diagnosis	ICD-10-CM
Q43.9	Congenital malformation of intestine, unspecified	Diagnosis	ICD-10-CM
Q44.0	Agenesis, aplasia and hypoplasia of gallbladder	Diagnosis	ICD-10-CM
Q44.1	Other congenital malformations of gallbladder	Diagnosis	ICD-10-CM
Q44.2	Atresia of bile ducts	Diagnosis	ICD-10-CM
Q44.3	Congenital stenosis and stricture of bile ducts	Diagnosis	ICD-10-CM
Q44.4	Choledochal cyst	Diagnosis	ICD-10-CM
Q44.5	Other congenital malformations of bile ducts	Diagnosis	ICD-10-CM
Q44.6	Cystic disease of liver	Diagnosis	ICD-10-CM
Q44.7	Other congenital malformations of liver	Diagnosis	ICD-10-CM
Q45.0	Agenesis, aplasia and hypoplasia of pancreas	Diagnosis	ICD-10-CM
Q45.1	Annular pancreas	Diagnosis	ICD-10-CM
Q45.2	Congenital pancreatic cyst	Diagnosis	ICD-10-CM
Q45.3	Other congenital malformations of pancreas and pancreatic duct	Diagnosis	ICD-10-CM
Q45.8	Other specified congenital malformations of digestive system	Diagnosis	ICD-10-CM
Q45.9	Congenital malformation of digestive system, unspecified	Diagnosis	ICD-10-CM
Q50.0	Congenital absence of ovary	Diagnosis	ICD-10-CM
Q50.01	Congenital absence of ovary, unilateral	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q50.02	Congenital absence of ovary, bilateral	Diagnosis	ICD-10-CM
Q50.1	Developmental ovarian cyst	Diagnosis	ICD-10-CM
Q50.2	Congenital torsion of ovary	Diagnosis	ICD-10-CM
Q50.3	Other congenital malformations of ovary	Diagnosis	ICD-10-CM
Q50.31	Accessory ovary	Diagnosis	ICD-10-CM
Q50.32	Ovarian streak	Diagnosis	ICD-10-CM
Q50.39	Other congenital malformation of ovary	Diagnosis	ICD-10-CM
Q50.4	Embryonic cyst of fallopian tube	Diagnosis	ICD-10-CM
Q50.5	Embryonic cyst of broad ligament	Diagnosis	ICD-10-CM
Q50.6	Other congenital malformations of fallopian tube and broad ligament	Diagnosis	ICD-10-CM
Q51.0	Agenesis and aplasia of uterus	Diagnosis	ICD-10-CM
Q51.1	Doubling of uterus with doubling of cervix and vagina	Diagnosis	ICD-10-CM
Q51.10	Doubling of uterus with doubling of cervix and vagina without obstruction	Diagnosis	ICD-10-CM
Q51.11	Doubling of uterus with doubling of cervix and vagina with obstruction	Diagnosis	ICD-10-CM
Q51.2	Other doubling of uterus	Diagnosis	ICD-10-CM
Q51.20	Other doubling of uterus, unspecified	Diagnosis	ICD-10-CM
Q51.21	Complete doubling of uterus	Diagnosis	ICD-10-CM
Q51.22	Partial doubling of uterus	Diagnosis	ICD-10-CM
Q51.28	Other and unspecified doubling of uterus	Diagnosis	ICD-10-CM
Q51.3	Bicornate uterus	Diagnosis	ICD-10-CM
Q51.4	Unicornate uterus	Diagnosis	ICD-10-CM
Q51.5	Agenesis and aplasia of cervix	Diagnosis	ICD-10-CM
Q51.6	Embryonic cyst of cervix	Diagnosis	ICD-10-CM
Q51.7	Congenital fistulae between uterus and digestive and urinary tracts	Diagnosis	ICD-10-CM
Q51.8	Other congenital malformations of uterus and cervix	Diagnosis	ICD-10-CM
Q51.81	Other congenital malformations of uterus	Diagnosis	ICD-10-CM
Q51.810	Arcuate uterus	Diagnosis	ICD-10-CM
Q51.811	Hypoplasia of uterus	Diagnosis	ICD-10-CM
Q51.818	Other congenital malformations of uterus	Diagnosis	ICD-10-CM
Q51.82	Other congenital malformations of cervix	Diagnosis	ICD-10-CM
Q51.820	Cervical duplication	Diagnosis	ICD-10-CM
Q51.821	Hypoplasia of cervix	Diagnosis	ICD-10-CM
Q51.828	Other congenital malformations of cervix	Diagnosis	ICD-10-CM
Q51.9	Congenital malformation of uterus and cervix, unspecified	Diagnosis	ICD-10-CM
Q52.0	Congenital absence of vagina	Diagnosis	ICD-10-CM
Q52.1	Doubling of vagina	Diagnosis	ICD-10-CM
Q52.10	Doubling of vagina, unspecified	Diagnosis	ICD-10-CM
Q52.11	Transverse vaginal septum	Diagnosis	ICD-10-CM
Q52.12	Longitudinal vaginal septum	Diagnosis	ICD-10-CM
Q52.120	Longitudinal vaginal septum, nonobstructing	Diagnosis	ICD-10-CM
Q52.121	Longitudinal vaginal septum, obstructing, right side	Diagnosis	ICD-10-CM
Q52.122	Longitudinal vaginal septum, obstructing, left side	Diagnosis	ICD-10-CM
Q52.123	Longitudinal vaginal septum, microperforate, right side	Diagnosis	ICD-10-CM
Q52.124	Longitudinal vaginal septum, microperforate, left side	Diagnosis	ICD-10-CM
Q52.129	Other and unspecified longitudinal vaginal septum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q52.2	Congenital rectovaginal fistula	Diagnosis	ICD-10-CM
Q52.3	Imperforate hymen	Diagnosis	ICD-10-CM
Q52.4	Other congenital malformations of vagina	Diagnosis	ICD-10-CM
Q52.5	Fusion of labia	Diagnosis	ICD-10-CM
Q52.6	Congenital malformation of clitoris	Diagnosis	ICD-10-CM
Q52.7	Other and unspecified congenital malformations of vulva	Diagnosis	ICD-10-CM
Q52.70	Unspecified congenital malformations of vulva	Diagnosis	ICD-10-CM
Q52.71	Congenital absence of vulva	Diagnosis	ICD-10-CM
Q52.79	Other congenital malformations of vulva	Diagnosis	ICD-10-CM
Q52.8	Other specified congenital malformations of female genitalia	Diagnosis	ICD-10-CM
Q52.9	Congenital malformation of female genitalia, unspecified	Diagnosis	ICD-10-CM
Q53.0	Ectopic testis	Diagnosis	ICD-10-CM
Q53.00	Ectopic testis, unspecified	Diagnosis	ICD-10-CM
Q53.01	Ectopic testis, unilateral	Diagnosis	ICD-10-CM
Q53.02	Ectopic testes, bilateral	Diagnosis	ICD-10-CM
Q53.1	Undescended testicle, unilateral	Diagnosis	ICD-10-CM
Q53.10	Unspecified undescended testicle, unilateral	Diagnosis	ICD-10-CM
Q53.11	Abdominal testis, unilateral	Diagnosis	ICD-10-CM
Q53.111	Unilateral intraabdominal testis	Diagnosis	ICD-10-CM
Q53.112	Unilateral inguinal testis	Diagnosis	ICD-10-CM
Q53.12	Ectopic perineal testis, unilateral	Diagnosis	ICD-10-CM
Q53.13	Unilateral high scrotal testis	Diagnosis	ICD-10-CM
Q53.2	Undescended testicle, bilateral	Diagnosis	ICD-10-CM
Q53.20	Undescended testicle, unspecified, bilateral	Diagnosis	ICD-10-CM
Q53.21	Abdominal testis, bilateral	Diagnosis	ICD-10-CM
Q53.211	Bilateral intraabdominal testes	Diagnosis	ICD-10-CM
Q53.212	Bilateral inguinal testes	Diagnosis	ICD-10-CM
Q53.22	Ectopic perineal testis, bilateral	Diagnosis	ICD-10-CM
Q53.23	Bilateral high scrotal testes	Diagnosis	ICD-10-CM
Q53.9	Undescended testicle, unspecified	Diagnosis	ICD-10-CM
Q54.0	Hypospadias, balanic	Diagnosis	ICD-10-CM
Q54.1	Hypospadias, penile	Diagnosis	ICD-10-CM
Q54.2	Hypospadias, penoscrotal	Diagnosis	ICD-10-CM
Q54.3	Hypospadias, perineal	Diagnosis	ICD-10-CM
Q54.4	Congenital chordee	Diagnosis	ICD-10-CM
Q54.8	Other hypospadias	Diagnosis	ICD-10-CM
Q54.9	Hypospadias, unspecified	Diagnosis	ICD-10-CM
Q55.0	Absence and aplasia of testis	Diagnosis	ICD-10-CM
Q55.1	Hypoplasia of testis and scrotum	Diagnosis	ICD-10-CM
Q55.2	Other and unspecified congenital malformations of testis and scrotum	Diagnosis	ICD-10-CM
Q55.20	Unspecified congenital malformations of testis and scrotum	Diagnosis	ICD-10-CM
Q55.21	Polyorchism	Diagnosis	ICD-10-CM
Q55.22	Retractile testis	Diagnosis	ICD-10-CM
Q55.23	Scrotal transposition	Diagnosis	ICD-10-CM
Q55.29	Other congenital malformations of testis and scrotum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q55.3	Atresia of vas deferens	Diagnosis	ICD-10-CM
Q55.4	Other congenital malformations of vas deferens, epididymis, seminal vesicles and prostate	Diagnosis	ICD-10-CM
Q55.5	Congenital absence and aplasia of penis	Diagnosis	ICD-10-CM
Q55.6	Other congenital malformations of penis	Diagnosis	ICD-10-CM
Q55.61	Curvature of penis (lateral)	Diagnosis	ICD-10-CM
Q55.62	Hypoplasia of penis	Diagnosis	ICD-10-CM
Q55.63	Congenital torsion of penis	Diagnosis	ICD-10-CM
Q55.64	Hidden penis	Diagnosis	ICD-10-CM
Q55.69	Other congenital malformation of penis	Diagnosis	ICD-10-CM
Q55.7	Congenital vasocutaneous fistula	Diagnosis	ICD-10-CM
Q55.8	Other specified congenital malformations of male genital organs	Diagnosis	ICD-10-CM
Q55.9	Congenital malformation of male genital organ, unspecified	Diagnosis	ICD-10-CM
Q56.0	Hermaphroditism, not elsewhere classified	Diagnosis	ICD-10-CM
Q56.1	Male pseudohermaphroditism, not elsewhere classified	Diagnosis	ICD-10-CM
Q56.2	Female pseudohermaphroditism, not elsewhere classified	Diagnosis	ICD-10-CM
Q56.3	Pseudohermaphroditism, unspecified	Diagnosis	ICD-10-CM
Q56.4	Indeterminate sex, unspecified	Diagnosis	ICD-10-CM
Q60.0	Renal agenesis, unilateral	Diagnosis	ICD-10-CM
Q60.1	Renal agenesis, bilateral	Diagnosis	ICD-10-CM
Q60.2	Renal agenesis, unspecified	Diagnosis	ICD-10-CM
Q60.3	Renal hypoplasia, unilateral	Diagnosis	ICD-10-CM
Q60.4	Renal hypoplasia, bilateral	Diagnosis	ICD-10-CM
Q60.5	Renal hypoplasia, unspecified	Diagnosis	ICD-10-CM
Q60.6	Potter's syndrome	Diagnosis	ICD-10-CM
Q61.0	Congenital renal cyst	Diagnosis	ICD-10-CM
Q61.00	Congenital renal cyst, unspecified	Diagnosis	ICD-10-CM
Q61.01	Congenital single renal cyst	Diagnosis	ICD-10-CM
Q61.02	Congenital multiple renal cysts	Diagnosis	ICD-10-CM
Q61.1	Polycystic kidney, infantile type	Diagnosis	ICD-10-CM
Q61.11	Cystic dilatation of collecting ducts	Diagnosis	ICD-10-CM
Q61.19	Other polycystic kidney, infantile type	Diagnosis	ICD-10-CM
Q61.2	Polycystic kidney, adult type	Diagnosis	ICD-10-CM
Q61.3	Polycystic kidney, unspecified	Diagnosis	ICD-10-CM
Q61.4	Renal dysplasia	Diagnosis	ICD-10-CM
Q61.5	Medullary cystic kidney	Diagnosis	ICD-10-CM
Q61.8	Other cystic kidney diseases	Diagnosis	ICD-10-CM
Q61.9	Cystic kidney disease, unspecified	Diagnosis	ICD-10-CM
Q62.0	Congenital hydronephrosis	Diagnosis	ICD-10-CM
Q62.1	Congenital occlusion of ureter	Diagnosis	ICD-10-CM
Q62.10	Congenital occlusion of ureter, unspecified	Diagnosis	ICD-10-CM
Q62.11	Congenital occlusion of ureteropelvic junction	Diagnosis	ICD-10-CM
Q62.12	Congenital occlusion of ureterovesical orifice	Diagnosis	ICD-10-CM
Q62.2	Congenital megaureter	Diagnosis	ICD-10-CM
Q62.3	Other obstructive defects of renal pelvis and ureter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q62.31	Congenital ureterocele, orthotopic	Diagnosis	ICD-10-CM
Q62.32	Cecoureterocele	Diagnosis	ICD-10-CM
Q62.39	Other obstructive defects of renal pelvis and ureter	Diagnosis	ICD-10-CM
Q62.4	Agenesis of ureter	Diagnosis	ICD-10-CM
Q62.5	Duplication of ureter	Diagnosis	ICD-10-CM
Q62.6	Malposition of ureter	Diagnosis	ICD-10-CM
Q62.60	Malposition of ureter, unspecified	Diagnosis	ICD-10-CM
Q62.61	Deviation of ureter	Diagnosis	ICD-10-CM
Q62.62	Displacement of ureter	Diagnosis	ICD-10-CM
Q62.63	Anomalous implantation of ureter	Diagnosis	ICD-10-CM
Q62.69	Other malposition of ureter	Diagnosis	ICD-10-CM
Q62.7	Congenital vesico-uretero-renal reflux	Diagnosis	ICD-10-CM
Q62.8	Other congenital malformations of ureter	Diagnosis	ICD-10-CM
Q63.0	Accessory kidney	Diagnosis	ICD-10-CM
Q63.1	Lobulated, fused and horseshoe kidney	Diagnosis	ICD-10-CM
Q63.2	Ectopic kidney	Diagnosis	ICD-10-CM
Q63.3	Hyperplastic and giant kidney	Diagnosis	ICD-10-CM
Q63.8	Other specified congenital malformations of kidney	Diagnosis	ICD-10-CM
Q63.9	Congenital malformation of kidney, unspecified	Diagnosis	ICD-10-CM
Q64.0	Epispadias	Diagnosis	ICD-10-CM
Q64.1	Exstrophy of urinary bladder	Diagnosis	ICD-10-CM
Q64.10	Exstrophy of urinary bladder, unspecified	Diagnosis	ICD-10-CM
Q64.11	Supravesical fissure of urinary bladder	Diagnosis	ICD-10-CM
Q64.12	Cloacal exstrophy of urinary bladder	Diagnosis	ICD-10-CM
Q64.19	Other exstrophy of urinary bladder	Diagnosis	ICD-10-CM
Q64.2	Congenital posterior urethral valves	Diagnosis	ICD-10-CM
Q64.3	Other atresia and stenosis of urethra and bladder neck	Diagnosis	ICD-10-CM
Q64.31	Congenital bladder neck obstruction	Diagnosis	ICD-10-CM
Q64.32	Congenital stricture of urethra	Diagnosis	ICD-10-CM
Q64.33	Congenital stricture of urinary meatus	Diagnosis	ICD-10-CM
Q64.39	Other atresia and stenosis of urethra and bladder neck	Diagnosis	ICD-10-CM
Q64.4	Malformation of urachus	Diagnosis	ICD-10-CM
Q64.5	Congenital absence of bladder and urethra	Diagnosis	ICD-10-CM
Q64.6	Congenital diverticulum of bladder	Diagnosis	ICD-10-CM
Q64.7	Other and unspecified congenital malformations of bladder and urethra	Diagnosis	ICD-10-CM
Q64.70	Unspecified congenital malformation of bladder and urethra	Diagnosis	ICD-10-CM
Q64.71	Congenital prolapse of urethra	Diagnosis	ICD-10-CM
Q64.72	Congenital prolapse of urinary meatus	Diagnosis	ICD-10-CM
Q64.73	Congenital urethrorectal fistula	Diagnosis	ICD-10-CM
Q64.74	Double urethra	Diagnosis	ICD-10-CM
Q64.75	Double urinary meatus	Diagnosis	ICD-10-CM
Q64.79	Other congenital malformations of bladder and urethra	Diagnosis	ICD-10-CM
Q64.8	Other specified congenital malformations of urinary system	Diagnosis	ICD-10-CM
Q64.9	Congenital malformation of urinary system, unspecified	Diagnosis	ICD-10-CM
Q65.0	Congenital dislocation of hip, unilateral	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q65.00	Congenital dislocation of unspecified hip, unilateral	Diagnosis	ICD-10-CM
Q65.01	Congenital dislocation of right hip, unilateral	Diagnosis	ICD-10-CM
Q65.02	Congenital dislocation of left hip, unilateral	Diagnosis	ICD-10-CM
Q65.1	Congenital dislocation of hip, bilateral	Diagnosis	ICD-10-CM
Q65.2	Congenital dislocation of hip, unspecified	Diagnosis	ICD-10-CM
Q65.3	Congenital partial dislocation of hip, unilateral	Diagnosis	ICD-10-CM
Q65.30	Congenital partial dislocation of unspecified hip, unilateral	Diagnosis	ICD-10-CM
Q65.31	Congenital partial dislocation of right hip, unilateral	Diagnosis	ICD-10-CM
Q65.32	Congenital partial dislocation of left hip, unilateral	Diagnosis	ICD-10-CM
Q65.4	Congenital partial dislocation of hip, bilateral	Diagnosis	ICD-10-CM
Q65.5	Congenital partial dislocation of hip, unspecified	Diagnosis	ICD-10-CM
Q65.6	Congenital unstable hip	Diagnosis	ICD-10-CM
Q65.8	Other congenital deformities of hip	Diagnosis	ICD-10-CM
Q65.81	Congenital coxa valga	Diagnosis	ICD-10-CM
Q65.82	Congenital coxa vara	Diagnosis	ICD-10-CM
Q65.89	Other specified congenital deformities of hip	Diagnosis	ICD-10-CM
Q65.9	Congenital deformity of hip, unspecified	Diagnosis	ICD-10-CM
Q66.0	Congenital talipes equinovarus	Diagnosis	ICD-10-CM
Q66.00	Congenital talipes equinovarus, unspecified foot	Diagnosis	ICD-10-CM
Q66.01	Congenital talipes equinovarus, right foot	Diagnosis	ICD-10-CM
Q66.02	Congenital talipes equinovarus, left foot	Diagnosis	ICD-10-CM
Q66.1	Congenital talipes calcaneovarus	Diagnosis	ICD-10-CM
Q66.10	Congenital talipes calcaneovarus, unspecified foot	Diagnosis	ICD-10-CM
Q66.11	Congenital talipes calcaneovarus, right foot	Diagnosis	ICD-10-CM
Q66.12	Congenital talipes calcaneovarus, left foot	Diagnosis	ICD-10-CM
Q66.2	Congenital metatarsus (primus) varus	Diagnosis	ICD-10-CM
Q66.21	Congenital metatarsus primus varus	Diagnosis	ICD-10-CM
Q66.211	Congenital metatarsus primus varus, right foot	Diagnosis	ICD-10-CM
Q66.212	Congenital metatarsus primus varus, left foot	Diagnosis	ICD-10-CM
Q66.219	Congenital metatarsus primus varus, unspecified foot	Diagnosis	ICD-10-CM
Q66.22	Congenital metatarsus adductus	Diagnosis	ICD-10-CM
Q66.221	Congenital metatarsus adductus, right foot	Diagnosis	ICD-10-CM
Q66.222	Congenital metatarsus adductus, left foot	Diagnosis	ICD-10-CM
Q66.229	Congenital metatarsus adductus, unspecified foot	Diagnosis	ICD-10-CM
Q66.3	Other congenital varus deformities of feet	Diagnosis	ICD-10-CM
Q66.30	Other congenital varus deformities of feet, unspecified foot	Diagnosis	ICD-10-CM
Q66.31	Other congenital varus deformities of feet, right foot	Diagnosis	ICD-10-CM
Q66.32	Other congenital varus deformities of feet, left foot	Diagnosis	ICD-10-CM
Q66.4	Congenital talipes calcaneovalgus	Diagnosis	ICD-10-CM
Q66.40	Congenital talipes calcaneovalgus, unspecified foot	Diagnosis	ICD-10-CM
Q66.41	Congenital talipes calcaneovalgus, right foot	Diagnosis	ICD-10-CM
Q66.42	Congenital talipes calcaneovalgus, left foot	Diagnosis	ICD-10-CM
Q66.5	Congenital pes planus	Diagnosis	ICD-10-CM
Q66.50	Congenital pes planus, unspecified foot	Diagnosis	ICD-10-CM
Q66.51	Congenital pes planus, right foot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q66.52	Congenital pes planus, left foot	Diagnosis	ICD-10-CM
Q66.6	Other congenital valgus deformities of feet	Diagnosis	ICD-10-CM
Q66.7	Congenital pes cavus	Diagnosis	ICD-10-CM
Q66.70	Congenital pes cavus, unspecified foot	Diagnosis	ICD-10-CM
Q66.71	Congenital pes cavus, right foot	Diagnosis	ICD-10-CM
Q66.72	Congenital pes cavus, left foot	Diagnosis	ICD-10-CM
Q66.8	Other congenital deformities of feet	Diagnosis	ICD-10-CM
Q66.80	Congenital vertical talus deformity, unspecified foot	Diagnosis	ICD-10-CM
Q66.81	Congenital vertical talus deformity, right foot	Diagnosis	ICD-10-CM
Q66.82	Congenital vertical talus deformity, left foot	Diagnosis	ICD-10-CM
Q66.89	Other specified congenital deformities of feet	Diagnosis	ICD-10-CM
Q66.9	Congenital deformity of feet, unspecified	Diagnosis	ICD-10-CM
Q66.90	Congenital deformity of feet, unspecified, unspecified foot	Diagnosis	ICD-10-CM
Q66.91	Congenital deformity of feet, unspecified, right foot	Diagnosis	ICD-10-CM
Q66.92	Congenital deformity of feet, unspecified, left foot	Diagnosis	ICD-10-CM
Q67.0	Congenital facial asymmetry	Diagnosis	ICD-10-CM
Q67.1	Congenital compression facies	Diagnosis	ICD-10-CM
Q67.2	Dolichocephaly	Diagnosis	ICD-10-CM
Q67.3	Plagiocephaly	Diagnosis	ICD-10-CM
Q67.4	Other congenital deformities of skull, face and jaw	Diagnosis	ICD-10-CM
Q67.5	Congenital deformity of spine	Diagnosis	ICD-10-CM
Q67.6	Pectus excavatum	Diagnosis	ICD-10-CM
Q67.7	Pectus carinatum	Diagnosis	ICD-10-CM
Q67.8	Other congenital deformities of chest	Diagnosis	ICD-10-CM
Q68.0	Congenital deformity of sternocleidomastoid muscle	Diagnosis	ICD-10-CM
Q68.1	Congenital deformity of finger(s) and hand	Diagnosis	ICD-10-CM
Q68.2	Congenital deformity of knee	Diagnosis	ICD-10-CM
Q68.3	Congenital bowing of femur	Diagnosis	ICD-10-CM
Q68.4	Congenital bowing of tibia and fibula	Diagnosis	ICD-10-CM
Q68.5	Congenital bowing of long bones of leg, unspecified	Diagnosis	ICD-10-CM
Q68.6	Discoid meniscus	Diagnosis	ICD-10-CM
Q68.8	Other specified congenital musculoskeletal deformities	Diagnosis	ICD-10-CM
Q69.0	Accessory finger(s)	Diagnosis	ICD-10-CM
Q69.1	Accessory thumb(s)	Diagnosis	ICD-10-CM
Q69.2	Accessory toe(s)	Diagnosis	ICD-10-CM
Q69.9	Polydactyly, unspecified	Diagnosis	ICD-10-CM
Q70.0	Fused fingers	Diagnosis	ICD-10-CM
Q70.00	Fused fingers, unspecified hand	Diagnosis	ICD-10-CM
Q70.01	Fused fingers, right hand	Diagnosis	ICD-10-CM
Q70.02	Fused fingers, left hand	Diagnosis	ICD-10-CM
Q70.03	Fused fingers, bilateral	Diagnosis	ICD-10-CM
Q70.1	Webbed fingers	Diagnosis	ICD-10-CM
Q70.10	Webbed fingers, unspecified hand	Diagnosis	ICD-10-CM
Q70.11	Webbed fingers, right hand	Diagnosis	ICD-10-CM
Q70.12	Webbed fingers, left hand	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Q70.13	Webbed fingers, bilateral	Diagnosis	ICD-10-CM
Q70.2	Fused toes	Diagnosis	ICD-10-CM
Q70.20	Fused toes, unspecified foot	Diagnosis	ICD-10-CM
Q70.21	Fused toes, right foot	Diagnosis	ICD-10-CM
Q70.22	Fused toes, left foot	Diagnosis	ICD-10-CM
Q70.23	Fused toes, bilateral	Diagnosis	ICD-10-CM
Q70.3	Webbed toes	Diagnosis	ICD-10-CM
Q70.30	Webbed toes, unspecified foot	Diagnosis	ICD-10-CM
Q70.31	Webbed toes, right foot	Diagnosis	ICD-10-CM
Q70.32	Webbed toes, left foot	Diagnosis	ICD-10-CM
Q70.33	Webbed toes, bilateral	Diagnosis	ICD-10-CM
Q70.4	Polysyndactyly, unspecified	Diagnosis	ICD-10-CM
Q70.9	Syndactyly, unspecified	Diagnosis	ICD-10-CM
Q71.0	Congenital complete absence of upper limb	Diagnosis	ICD-10-CM
Q71.00	Congenital complete absence of unspecified upper limb	Diagnosis	ICD-10-CM
Q71.01	Congenital complete absence of right upper limb	Diagnosis	ICD-10-CM
Q71.02	Congenital complete absence of left upper limb	Diagnosis	ICD-10-CM
Q71.03	Congenital complete absence of upper limb, bilateral	Diagnosis	ICD-10-CM
Q71.1	Congenital absence of upper arm and forearm with hand present	Diagnosis	ICD-10-CM
Q71.10	Congenital absence of unspecified upper arm and forearm with hand present	Diagnosis	ICD-10-CM
Q71.11	Congenital absence of right upper arm and forearm with hand present	Diagnosis	ICD-10-CM
Q71.12	Congenital absence of left upper arm and forearm with hand present	Diagnosis	ICD-10-CM
Q71.13	Congenital absence of upper arm and forearm with hand present, bilateral	Diagnosis	ICD-10-CM
Q71.2	Congenital absence of both forearm and hand	Diagnosis	ICD-10-CM
Q71.20	Congenital absence of both forearm and hand, unspecified upper limb	Diagnosis	ICD-10-CM
Q71.21	Congenital absence of both forearm and hand, right upper limb	Diagnosis	ICD-10-CM
Q71.22	Congenital absence of both forearm and hand, left upper limb	Diagnosis	ICD-10-CM
Q71.23	Congenital absence of both forearm and hand, bilateral	Diagnosis	ICD-10-CM
Q71.3	Congenital absence of hand and finger	Diagnosis	ICD-10-CM
Q71.30	Congenital absence of unspecified hand and finger	Diagnosis	ICD-10-CM
Q71.31	Congenital absence of right hand and finger	Diagnosis	ICD-10-CM
Q71.32	Congenital absence of left hand and finger	Diagnosis	ICD-10-CM
Q71.33	Congenital absence of hand and finger, bilateral	Diagnosis	ICD-10-CM
Q71.4	Longitudinal reduction defect of radius	Diagnosis	ICD-10-CM
Q71.40	Longitudinal reduction defect of unspecified radius	Diagnosis	ICD-10-CM
Q71.41	Longitudinal reduction defect of right radius	Diagnosis	ICD-10-CM
Q71.42	Longitudinal reduction defect of left radius	Diagnosis	ICD-10-CM
Q71.43	Longitudinal reduction defect of radius, bilateral	Diagnosis	ICD-10-CM
Q71.5	Longitudinal reduction defect of ulna	Diagnosis	ICD-10-CM
Q71.50	Longitudinal reduction defect of unspecified ulna	Diagnosis	ICD-10-CM
Q71.51	Longitudinal reduction defect of right ulna	Diagnosis	ICD-10-CM
Q71.52	Longitudinal reduction defect of left ulna	Diagnosis	ICD-10-CM
Q71.53	Longitudinal reduction defect of ulna, bilateral	Diagnosis	ICD-10-CM
Q71.6	Lobster-claw hand	Diagnosis	ICD-10-CM
Q71.60	Lobster-claw hand, unspecified hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q71.61	Lobster-claw right hand	Diagnosis	ICD-10-CM
Q71.62	Lobster-claw left hand	Diagnosis	ICD-10-CM
Q71.63	Lobster-claw hand, bilateral	Diagnosis	ICD-10-CM
Q71.8	Other reduction defects of upper limb	Diagnosis	ICD-10-CM
Q71.81	Congenital shortening of upper limb	Diagnosis	ICD-10-CM
Q71.811	Congenital shortening of right upper limb	Diagnosis	ICD-10-CM
Q71.812	Congenital shortening of left upper limb	Diagnosis	ICD-10-CM
Q71.813	Congenital shortening of upper limb, bilateral	Diagnosis	ICD-10-CM
Q71.819	Congenital shortening of unspecified upper limb	Diagnosis	ICD-10-CM
Q71.89	Other reduction defects of upper limb	Diagnosis	ICD-10-CM
Q71.891	Other reduction defects of right upper limb	Diagnosis	ICD-10-CM
Q71.892	Other reduction defects of left upper limb	Diagnosis	ICD-10-CM
Q71.893	Other reduction defects of upper limb, bilateral	Diagnosis	ICD-10-CM
Q71.899	Other reduction defects of unspecified upper limb	Diagnosis	ICD-10-CM
Q71.9	Unspecified reduction defect of upper limb	Diagnosis	ICD-10-CM
Q71.90	Unspecified reduction defect of unspecified upper limb	Diagnosis	ICD-10-CM
Q71.91	Unspecified reduction defect of right upper limb	Diagnosis	ICD-10-CM
Q71.92	Unspecified reduction defect of left upper limb	Diagnosis	ICD-10-CM
Q71.93	Unspecified reduction defect of upper limb, bilateral	Diagnosis	ICD-10-CM
Q72.0	Congenital complete absence of lower limb	Diagnosis	ICD-10-CM
Q72.00	Congenital complete absence of unspecified lower limb	Diagnosis	ICD-10-CM
Q72.01	Congenital complete absence of right lower limb	Diagnosis	ICD-10-CM
Q72.02	Congenital complete absence of left lower limb	Diagnosis	ICD-10-CM
Q72.03	Congenital complete absence of lower limb, bilateral	Diagnosis	ICD-10-CM
Q72.1	Congenital absence of thigh and lower leg with foot present	Diagnosis	ICD-10-CM
Q72.10	Congenital absence of unspecified thigh and lower leg with foot present	Diagnosis	ICD-10-CM
Q72.11	Congenital absence of right thigh and lower leg with foot present	Diagnosis	ICD-10-CM
Q72.12	Congenital absence of left thigh and lower leg with foot present	Diagnosis	ICD-10-CM
Q72.13	Congenital absence of thigh and lower leg with foot present, bilateral	Diagnosis	ICD-10-CM
Q72.2	Congenital absence of both lower leg and foot	Diagnosis	ICD-10-CM
Q72.20	Congenital absence of both lower leg and foot, unspecified lower limb	Diagnosis	ICD-10-CM
Q72.21	Congenital absence of both lower leg and foot, right lower limb	Diagnosis	ICD-10-CM
Q72.22	Congenital absence of both lower leg and foot, left lower limb	Diagnosis	ICD-10-CM
Q72.23	Congenital absence of both lower leg and foot, bilateral	Diagnosis	ICD-10-CM
Q72.3	Congenital absence of foot and toe(s)	Diagnosis	ICD-10-CM
Q72.30	Congenital absence of unspecified foot and toe(s)	Diagnosis	ICD-10-CM
Q72.31	Congenital absence of right foot and toe(s)	Diagnosis	ICD-10-CM
Q72.32	Congenital absence of left foot and toe(s)	Diagnosis	ICD-10-CM
Q72.33	Congenital absence of foot and toe(s), bilateral	Diagnosis	ICD-10-CM
Q72.4	Longitudinal reduction defect of femur	Diagnosis	ICD-10-CM
Q72.40	Longitudinal reduction defect of unspecified femur	Diagnosis	ICD-10-CM
Q72.41	Longitudinal reduction defect of right femur	Diagnosis	ICD-10-CM
Q72.42	Longitudinal reduction defect of left femur	Diagnosis	ICD-10-CM
Q72.43	Longitudinal reduction defect of femur, bilateral	Diagnosis	ICD-10-CM
Q72.5	Longitudinal reduction defect of tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q72.50	Longitudinal reduction defect of unspecified tibia	Diagnosis	ICD-10-CM
Q72.51	Longitudinal reduction defect of right tibia	Diagnosis	ICD-10-CM
Q72.52	Longitudinal reduction defect of left tibia	Diagnosis	ICD-10-CM
Q72.53	Longitudinal reduction defect of tibia, bilateral	Diagnosis	ICD-10-CM
Q72.6	Longitudinal reduction defect of fibula	Diagnosis	ICD-10-CM
Q72.60	Longitudinal reduction defect of unspecified fibula	Diagnosis	ICD-10-CM
Q72.61	Longitudinal reduction defect of right fibula	Diagnosis	ICD-10-CM
Q72.62	Longitudinal reduction defect of left fibula	Diagnosis	ICD-10-CM
Q72.63	Longitudinal reduction defect of fibula, bilateral	Diagnosis	ICD-10-CM
Q72.7	Split foot	Diagnosis	ICD-10-CM
Q72.70	Split foot, unspecified lower limb	Diagnosis	ICD-10-CM
Q72.71	Split foot, right lower limb	Diagnosis	ICD-10-CM
Q72.72	Split foot, left lower limb	Diagnosis	ICD-10-CM
Q72.73	Split foot, bilateral	Diagnosis	ICD-10-CM
Q72.8	Other reduction defects of lower limb	Diagnosis	ICD-10-CM
Q72.81	Congenital shortening of lower limb	Diagnosis	ICD-10-CM
Q72.811	Congenital shortening of right lower limb	Diagnosis	ICD-10-CM
Q72.812	Congenital shortening of left lower limb	Diagnosis	ICD-10-CM
Q72.813	Congenital shortening of lower limb, bilateral	Diagnosis	ICD-10-CM
Q72.819	Congenital shortening of unspecified lower limb	Diagnosis	ICD-10-CM
Q72.89	Other reduction defects of lower limb	Diagnosis	ICD-10-CM
Q72.891	Other reduction defects of right lower limb	Diagnosis	ICD-10-CM
Q72.892	Other reduction defects of left lower limb	Diagnosis	ICD-10-CM
Q72.893	Other reduction defects of lower limb, bilateral	Diagnosis	ICD-10-CM
Q72.899	Other reduction defects of unspecified lower limb	Diagnosis	ICD-10-CM
Q72.9	Unspecified reduction defect of lower limb	Diagnosis	ICD-10-CM
Q72.90	Unspecified reduction defect of unspecified lower limb	Diagnosis	ICD-10-CM
Q72.91	Unspecified reduction defect of right lower limb	Diagnosis	ICD-10-CM
Q72.92	Unspecified reduction defect of left lower limb	Diagnosis	ICD-10-CM
Q72.93	Unspecified reduction defect of lower limb, bilateral	Diagnosis	ICD-10-CM
Q73.0	Congenital absence of unspecified limb(s)	Diagnosis	ICD-10-CM
Q73.1	Phocomelia, unspecified limb(s)	Diagnosis	ICD-10-CM
Q73.8	Other reduction defects of unspecified limb(s)	Diagnosis	ICD-10-CM
Q74.0	Other congenital malformations of upper limb(s), including shoulder girdle	Diagnosis	ICD-10-CM
Q74.1	Congenital malformation of knee	Diagnosis	ICD-10-CM
Q74.2	Other congenital malformations of lower limb(s), including pelvic girdle	Diagnosis	ICD-10-CM
Q74.3	Arthrogryposis multiplex congenita	Diagnosis	ICD-10-CM
Q74.8	Other specified congenital malformations of limb(s)	Diagnosis	ICD-10-CM
Q74.9	Unspecified congenital malformation of limb(s)	Diagnosis	ICD-10-CM
Q75.0	Craniosynostosis	Diagnosis	ICD-10-CM
Q75.1	Craniofacial dysostosis	Diagnosis	ICD-10-CM
Q75.2	Hypertelorism	Diagnosis	ICD-10-CM
Q75.3	Macrocephaly	Diagnosis	ICD-10-CM
Q75.4	Mandibulofacial dysostosis	Diagnosis	ICD-10-CM
Q75.5	Oculomandibular dysostosis	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q75.8	Other specified congenital malformations of skull and face bones	Diagnosis	ICD-10-CM
Q75.9	Congenital malformation of skull and face bones, unspecified	Diagnosis	ICD-10-CM
Q76.0	Spina bifida occulta	Diagnosis	ICD-10-CM
Q76.1	Klippel-Feil syndrome	Diagnosis	ICD-10-CM
Q76.2	Congenital spondylolisthesis	Diagnosis	ICD-10-CM
Q76.3	Congenital scoliosis due to congenital bony malformation	Diagnosis	ICD-10-CM
Q76.4	Other congenital malformations of spine, not associated with scoliosis	Diagnosis	ICD-10-CM
Q76.41	Congenital kyphosis	Diagnosis	ICD-10-CM
Q76.411	Congenital kyphosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
Q76.412	Congenital kyphosis, cervical region	Diagnosis	ICD-10-CM
Q76.413	Congenital kyphosis, cervicothoracic region	Diagnosis	ICD-10-CM
Q76.414	Congenital kyphosis, thoracic region	Diagnosis	ICD-10-CM
Q76.415	Congenital kyphosis, thoracolumbar region	Diagnosis	ICD-10-CM
Q76.419	Congenital kyphosis, unspecified region	Diagnosis	ICD-10-CM
Q76.42	Congenital lordosis	Diagnosis	ICD-10-CM
Q76.425	Congenital lordosis, thoracolumbar region	Diagnosis	ICD-10-CM
Q76.426	Congenital lordosis, lumbar region	Diagnosis	ICD-10-CM
Q76.427	Congenital lordosis, lumbosacral region	Diagnosis	ICD-10-CM
Q76.428	Congenital lordosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
Q76.429	Congenital lordosis, unspecified region	Diagnosis	ICD-10-CM
Q76.49	Other congenital malformations of spine, not associated with scoliosis	Diagnosis	ICD-10-CM
Q76.5	Cervical rib	Diagnosis	ICD-10-CM
Q76.6	Other congenital malformations of ribs	Diagnosis	ICD-10-CM
Q76.7	Congenital malformation of sternum	Diagnosis	ICD-10-CM
Q76.8	Other congenital malformations of bony thorax	Diagnosis	ICD-10-CM
Q76.9	Congenital malformation of bony thorax, unspecified	Diagnosis	ICD-10-CM
Q77.0	Achondrogenesis	Diagnosis	ICD-10-CM
Q77.1	Thanatophoric short stature	Diagnosis	ICD-10-CM
Q77.2	Short rib syndrome	Diagnosis	ICD-10-CM
Q77.3	Chondrodysplasia punctata	Diagnosis	ICD-10-CM
Q77.4	Achondroplasia	Diagnosis	ICD-10-CM
Q77.5	Diastrophic dysplasia	Diagnosis	ICD-10-CM
Q77.6	Chondroectodermal dysplasia	Diagnosis	ICD-10-CM
Q77.7	Spondyloepiphyseal dysplasia	Diagnosis	ICD-10-CM
Q77.8	Other osteochondrodysplasia with defects of growth of tubular bones and spine	Diagnosis	ICD-10-CM
Q77.9	Osteochondrodysplasia with defects of growth of tubular bones and spine, unspecified	Diagnosis	ICD-10-CM
Q78.0	Osteogenesis imperfecta	Diagnosis	ICD-10-CM
Q78.1	Polyostotic fibrous dysplasia	Diagnosis	ICD-10-CM
Q78.2	Osteopetrosis	Diagnosis	ICD-10-CM
Q78.3	Progressive diaphyseal dysplasia	Diagnosis	ICD-10-CM
Q78.4	Enchondromatosis	Diagnosis	ICD-10-CM
Q78.5	Metaphyseal dysplasia	Diagnosis	ICD-10-CM
Q78.6	Multiple congenital exostoses	Diagnosis	ICD-10-CM
Q78.8	Other specified osteochondrodysplasias	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q78.9	Osteochondrodysplasia, unspecified	Diagnosis	ICD-10-CM
Q79.0	Congenital diaphragmatic hernia	Diagnosis	ICD-10-CM
Q79.1	Other congenital malformations of diaphragm	Diagnosis	ICD-10-CM
Q79.2	Exomphalos	Diagnosis	ICD-10-CM
Q79.3	Gastroschisis	Diagnosis	ICD-10-CM
Q79.4	Prune belly syndrome	Diagnosis	ICD-10-CM
Q79.5	Other congenital malformations of abdominal wall	Diagnosis	ICD-10-CM
Q79.51	Congenital hernia of bladder	Diagnosis	ICD-10-CM
Q79.59	Other congenital malformations of abdominal wall	Diagnosis	ICD-10-CM
Q79.6	Ehlers-Danlos syndromes	Diagnosis	ICD-10-CM
Q79.60	Ehlers-Danlos syndrome, unspecified	Diagnosis	ICD-10-CM
Q79.61	Classical Ehlers-Danlos syndrome	Diagnosis	ICD-10-CM
Q79.62	Hypermobile Ehlers-Danlos syndrome	Diagnosis	ICD-10-CM
Q79.63	Vascular Ehlers-Danlos syndrome	Diagnosis	ICD-10-CM
Q79.69	Other Ehlers-Danlos syndromes	Diagnosis	ICD-10-CM
Q79.8	Other congenital malformations of musculoskeletal system	Diagnosis	ICD-10-CM
Q79.9	Congenital malformation of musculoskeletal system, unspecified	Diagnosis	ICD-10-CM
Q80.0	Ichthyosis vulgaris	Diagnosis	ICD-10-CM
Q80.1	X-linked ichthyosis	Diagnosis	ICD-10-CM
Q80.2	Lamellar ichthyosis	Diagnosis	ICD-10-CM
Q80.3	Congenital bullous ichthyosiform erythroderma	Diagnosis	ICD-10-CM
Q80.4	Harlequin fetus	Diagnosis	ICD-10-CM
Q80.8	Other congenital ichthyosis	Diagnosis	ICD-10-CM
Q80.9	Congenital ichthyosis, unspecified	Diagnosis	ICD-10-CM
Q81.0	Epidermolysis bullosa simplex	Diagnosis	ICD-10-CM
Q81.1	Epidermolysis bullosa letalis	Diagnosis	ICD-10-CM
Q81.2	Epidermolysis bullosa dystrophica	Diagnosis	ICD-10-CM
Q81.8	Other epidermolysis bullosa	Diagnosis	ICD-10-CM
Q81.9	Epidermolysis bullosa, unspecified	Diagnosis	ICD-10-CM
Q82.0	Hereditary lymphedema	Diagnosis	ICD-10-CM
Q82.1	Xeroderma pigmentosum	Diagnosis	ICD-10-CM
Q82.2	Congenital cutaneous mastocytosis	Diagnosis	ICD-10-CM
Q82.3	Incontinentia pigmenti	Diagnosis	ICD-10-CM
Q82.4	Ectodermal dysplasia (anhidrotic)	Diagnosis	ICD-10-CM
Q82.5	Congenital non-neoplastic nevus	Diagnosis	ICD-10-CM
Q82.6	Congenital sacral dimple	Diagnosis	ICD-10-CM
Q82.8	Other specified congenital malformations of skin	Diagnosis	ICD-10-CM
Q82.9	Congenital malformation of skin, unspecified	Diagnosis	ICD-10-CM
Q83.0	Congenital absence of breast with absent nipple	Diagnosis	ICD-10-CM
Q83.1	Accessory breast	Diagnosis	ICD-10-CM
Q83.2	Absent nipple	Diagnosis	ICD-10-CM
Q83.3	Accessory nipple	Diagnosis	ICD-10-CM
Q83.8	Other congenital malformations of breast	Diagnosis	ICD-10-CM
Q83.9	Congenital malformation of breast, unspecified	Diagnosis	ICD-10-CM
Q84.0	Congenital alopecia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q84.1	Congenital morphological disturbances of hair, not elsewhere classified	Diagnosis	ICD-10-CM
Q84.2	Other congenital malformations of hair	Diagnosis	ICD-10-CM
Q84.3	Anonychia	Diagnosis	ICD-10-CM
Q84.4	Congenital leukonychia	Diagnosis	ICD-10-CM
Q84.5	Enlarged and hypertrophic nails	Diagnosis	ICD-10-CM
Q84.6	Other congenital malformations of nails	Diagnosis	ICD-10-CM
Q84.8	Other specified congenital malformations of integument	Diagnosis	ICD-10-CM
Q84.9	Congenital malformation of integument, unspecified	Diagnosis	ICD-10-CM
Q85.0	Neurofibromatosis (nonmalignant)	Diagnosis	ICD-10-CM
Q85.00	Neurofibromatosis, unspecified	Diagnosis	ICD-10-CM
Q85.01	Neurofibromatosis, type 1	Diagnosis	ICD-10-CM
Q85.02	Neurofibromatosis, type 2	Diagnosis	ICD-10-CM
Q85.03	Schwannomatosis	Diagnosis	ICD-10-CM
Q85.09	Other neurofibromatosis	Diagnosis	ICD-10-CM
Q85.1	Tuberous sclerosis	Diagnosis	ICD-10-CM
Q85.8	Other phakomatoses, not elsewhere classified	Diagnosis	ICD-10-CM
Q85.81	PTEN hamartoma tumor syndrome	Diagnosis	ICD-10-CM
Q85.82	Other Cowden syndrome	Diagnosis	ICD-10-CM
Q85.83	Von Hippel-Lindau syndrome	Diagnosis	ICD-10-CM
Q85.89	Other phakomatoses, not elsewhere classified	Diagnosis	ICD-10-CM
Q85.9	Phakomatosis, unspecified	Diagnosis	ICD-10-CM
Q86.0	Fetal alcohol syndrome (dysmorphic)	Diagnosis	ICD-10-CM
Q86.1	Fetal hydantoin syndrome	Diagnosis	ICD-10-CM
Q86.2	Dysmorphism due to warfarin	Diagnosis	ICD-10-CM
Q86.8	Other congenital malformation syndromes due to known exogenous causes	Diagnosis	ICD-10-CM
Q87.0	Congenital malformation syndromes predominantly affecting facial appearance	Diagnosis	ICD-10-CM
Q87.1	Congenital malformation syndromes predominantly associated with short stature	Diagnosis	ICD-10-CM
Q87.11	Prader-Willi syndrome	Diagnosis	ICD-10-CM
Q87.19	Other congenital malformation syndromes predominantly associated with short stature	Diagnosis	ICD-10-CM
Q87.2	Congenital malformation syndromes predominantly involving limbs	Diagnosis	ICD-10-CM
Q87.3	Congenital malformation syndromes involving early overgrowth	Diagnosis	ICD-10-CM
Q87.4	Marfan syndrome	Diagnosis	ICD-10-CM
Q87.40	Marfan syndrome, unspecified	Diagnosis	ICD-10-CM
Q87.41	Marfan syndrome with cardiovascular manifestations	Diagnosis	ICD-10-CM
Q87.410	Marfan syndrome with aortic dilation	Diagnosis	ICD-10-CM
Q87.418	Marfan syndrome with other cardiovascular manifestations	Diagnosis	ICD-10-CM
Q87.42	Marfan syndrome with ocular manifestations	Diagnosis	ICD-10-CM
Q87.43	Marfan syndrome with skeletal manifestation	Diagnosis	ICD-10-CM
Q87.5	Other congenital malformation syndromes with other skeletal changes	Diagnosis	ICD-10-CM
Q87.8	Other specified congenital malformation syndromes, not elsewhere classified	Diagnosis	ICD-10-CM
Q87.81	Alport syndrome	Diagnosis	ICD-10-CM
Q87.82	Arterial tortuosity syndrome	Diagnosis	ICD-10-CM
Q87.89	Other specified congenital malformation syndromes, not elsewhere classified	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
Q89.0	Congenital absence and malformations of spleen	Diagnosis	ICD-10-CM
Q89.01	Asplenia (congenital)	Diagnosis	ICD-10-CM
Q89.09	Congenital malformations of spleen	Diagnosis	ICD-10-CM
Q89.1	Congenital malformations of adrenal gland	Diagnosis	ICD-10-CM
Q89.2	Congenital malformations of other endocrine glands	Diagnosis	ICD-10-CM
Q89.3	Situs inversus	Diagnosis	ICD-10-CM
Q89.4	Conjoined twins	Diagnosis	ICD-10-CM
Q89.7	Multiple congenital malformations, not elsewhere classified	Diagnosis	ICD-10-CM
Q89.8	Other specified congenital malformations	Diagnosis	ICD-10-CM
Q89.9	Congenital malformation, unspecified	Diagnosis	ICD-10-CM
Depression			
F06.30	Mood disorder due to known physiological condition, unspecified	Diagnosis	ICD-10-CM
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.81	Premenstrual dysphoric disorder	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F32.A	Depression, unspecified	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F33.4	Major depressive disorder, recurrent, in remission	Diagnosis	ICD-10-CM
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34.9	Persistent mood [affective] disorder, unspecified	Diagnosis	ICD-10-CM
F39	Unspecified mood [affective] disorder	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
F43.23	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-10-CM
Developmental Delays			
F70	Mild intellectual disabilities	Diagnosis	ICD-10-CM
F71	Moderate intellectual disabilities	Diagnosis	ICD-10-CM
F72	Severe intellectual disabilities	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F78	Other intellectual disabilities	Diagnosis	ICD-10-CM
F79	Unspecified intellectual disabilities	Diagnosis	ICD-10-CM
F80.0	Phonological disorder	Diagnosis	ICD-10-CM
F80.1	Expressive language disorder	Diagnosis	ICD-10-CM
F80.2	Mixed receptive-expressive language disorder	Diagnosis	ICD-10-CM
F80.4	Speech and language development delay due to hearing loss	Diagnosis	ICD-10-CM
F80.8	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.81	Childhood onset fluency disorder	Diagnosis	ICD-10-CM
F80.82	Social pragmatic communication disorder	Diagnosis	ICD-10-CM
F80.89	Other developmental disorders of speech and language	Diagnosis	ICD-10-CM
F80.9	Developmental disorder of speech and language, unspecified	Diagnosis	ICD-10-CM
F81.0	Specific reading disorder	Diagnosis	ICD-10-CM
F81.2	Mathematics disorder	Diagnosis	ICD-10-CM
F81.8	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.81	Disorder of written expression	Diagnosis	ICD-10-CM
F81.89	Other developmental disorders of scholastic skills	Diagnosis	ICD-10-CM
F81.9	Developmental disorder of scholastic skills, unspecified	Diagnosis	ICD-10-CM
F82	Specific developmental disorder of motor function	Diagnosis	ICD-10-CM
F88	Other disorders of psychological development	Diagnosis	ICD-10-CM
F89	Unspecified disorder of psychological development	Diagnosis	ICD-10-CM
H93.25	Central auditory processing disorder	Diagnosis	ICD-10-CM
R48.0	Dyslexia and alexia	Diagnosis	ICD-10-CM
Diabetes mellitus			
E08.0	Diabetes mellitus due to underlying condition with hyperosmolarity	Diagnosis	ICD-10-CM
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E08.1	Diabetes mellitus due to underlying condition with ketoacidosis	Diagnosis	ICD-10-CM
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	Diagnosis	ICD-10-CM
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	Diagnosis	ICD-10-CM
E08.2	Diabetes mellitus due to underlying condition with kidney complications	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E08.3	Diabetes mellitus due to underlying condition with ophthalmic complications	Diagnosis	ICD-10-CM
E08.31	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.32	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.33	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.34	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.35	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.352	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.353	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.354	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E08.355	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E08.37	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E08.4	Diabetes mellitus due to underlying condition with neurological complications	Diagnosis	ICD-10-CM
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	Diagnosis	ICD-10-CM
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	Diagnosis	ICD-10-CM
E08.5	Diabetes mellitus due to underlying condition with circulatory complications	Diagnosis	ICD-10-CM
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	Diagnosis	ICD-10-CM
E08.6	Diabetes mellitus due to underlying condition with other specified complications	Diagnosis	ICD-10-CM
E08.61	Diabetes mellitus due to underlying condition with diabetic arthropathy	Diagnosis	ICD-10-CM
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	Diagnosis	ICD-10-CM
E08.62	Diabetes mellitus due to underlying condition with skin complications	Diagnosis	ICD-10-CM
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	Diagnosis	ICD-10-CM
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	Diagnosis	ICD-10-CM
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	Diagnosis	ICD-10-CM
E08.628	Diabetes mellitus due to underlying condition with other skin complications	Diagnosis	ICD-10-CM
E08.63	Diabetes mellitus due to underlying condition with oral complications	Diagnosis	ICD-10-CM
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	Diagnosis	ICD-10-CM
E08.638	Diabetes mellitus due to underlying condition with other oral complications	Diagnosis	ICD-10-CM
E08.64	Diabetes mellitus due to underlying condition with hypoglycemia	Diagnosis	ICD-10-CM
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	Diagnosis	ICD-10-CM
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	Diagnosis	ICD-10-CM
E08.69	Diabetes mellitus due to underlying condition with other specified complication	Diagnosis	ICD-10-CM
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	Diagnosis	ICD-10-CM
E08.9	Diabetes mellitus due to underlying condition without complications	Diagnosis	ICD-10-CM
E09.0	Drug or chemical induced diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E09.1	Drug or chemical induced diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E09.2	Drug or chemical induced diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.3	Drug or chemical induced diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E09.31	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.32	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3219	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.329	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E09.33	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.34	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E09.35	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.352	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.353	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.354	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E09.355	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E09.37	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E09.4	Drug or chemical induced diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy	Diagnosis	ICD-10-CM
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication	Diagnosis	ICD-10-CM
E09.5	Drug or chemical induced diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E09.6	Drug or chemical induced diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E09.61	Drug or chemical induced diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E09.62	Drug or chemical induced diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E09.628	Drug or chemical induced diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E09.63	Drug or chemical induced diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E09.638	Drug or chemical induced diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E09.64	Drug or chemical induced diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E09.69	Drug or chemical induced diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E09.9	Drug or chemical induced diabetes mellitus without complications	Diagnosis	ICD-10-CM
E10.1	Type 1 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.2	Type 1 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.3	Type 1 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E10.31	Type 1 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.32	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.33	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.34	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.35	Type 1 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.352	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.353	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.354	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.355	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E10.4	Type 1 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.5	Type 1 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.6	Type 1 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E10.61	Type 1 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.62	Type 1 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.63	Type 1 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E10.64	Type 1 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E10.65	Type 1 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E11.0	Type 2 diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.1	Type 2 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.2	Type 2 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.3	Type 2 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E11.31	Type 2 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.32	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.33	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.34	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.35	Type 2 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.352	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.353	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.354	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.355	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.37	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E11.4	Type 2 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.5	Type 2 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.6	Type 2 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E11.61	Type 2 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.62	Type 2 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.63	Type 2 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.64	Type 2 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E13.0	Other specified diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E13.1	Other specified diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E13.2	Other specified diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.3	Other specified diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E13.31	Other specified diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.32	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.33	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E13.34	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.35	Other specified diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.352	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.353	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.354	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E13.355	Other specified diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.37	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E13.4	Other specified diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E13.5	Other specified diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E13.59	Other specified diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E13.6	Other specified diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E13.61	Other specified diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E13.62	Other specified diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E13.620	Other specified diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E13.621	Other specified diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E13.622	Other specified diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E13.628	Other specified diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E13.63	Other specified diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E13.630	Other specified diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E13.638	Other specified diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E13.64	Other specified diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E13.65	Other specified diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E13.69	Other specified diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E13.8	Other specified diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E13.9	Other specified diabetes mellitus without complications	Diagnosis	ICD-10-CM
Drug Abuse or Dependence			
F11.1	Opioid abuse	Diagnosis	ICD-10-CM
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F11.12	Opioid abuse with intoxication	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.13	Opioid abuse with withdrawal	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.15	Opioid abuse with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.18	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.2	Opioid dependence	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.21	Opioid dependence, in remission	Diagnosis	ICD-10-CM
F11.22	Opioid dependence with intoxication	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.25	Opioid dependence with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.28	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.9	Opioid use, unspecified	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.91	Opioid use, unspecified, in remission	Diagnosis	ICD-10-CM
F11.92	Opioid use, unspecified with intoxication	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F11.95	Opioid use, unspecified with opioid-induced psychotic disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.98	Opioid use, unspecified with other specified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.13	Cannabis abuse with withdrawal	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.91	Cannabis use, unspecified, in remission	Diagnosis	ICD-10-CM
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13.1	Sedative, hypnotic or anxiolytic-related abuse	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.12	Sedative, hypnotic or anxiolytic abuse with intoxication	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.13	Sedative, hypnotic or anxiolytic abuse with withdrawal	Diagnosis	ICD-10-CM
F13.130	Sedative, hypnotic or anxiolytic abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.131	Sedative, hypnotic or anxiolytic abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F13.132	Sedative, hypnotic or anxiolytic abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.139	Sedative, hypnotic or anxiolytic abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.15	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.18	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.2	Sedative, hypnotic or anxiolytic-related dependence	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.21	Sedative, hypnotic or anxiolytic dependence, in remission	Diagnosis	ICD-10-CM
F13.22	Sedative, hypnotic or anxiolytic dependence with intoxication	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.23	Sedative, hypnotic or anxiolytic dependence with withdrawal	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.25	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.28	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F13.9	Sedative, hypnotic or anxiolytic-related use, unspecified	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.91	Sedative, hypnotic or anxiolytic use, unspecified, in remission	Diagnosis	ICD-10-CM
F13.92	Sedative, hypnotic or anxiolytic use, unspecified with intoxication	Diagnosis	ICD-10-CM
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.93	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.95	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.98	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorders	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15.1	Other stimulant abuse	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.12	Other stimulant abuse with intoxication	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.13	Other stimulant abuse with withdrawal	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.15	Other stimulant abuse with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.18	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.2	Other stimulant dependence	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.21	Other stimulant dependence, in remission	Diagnosis	ICD-10-CM
F15.22	Other stimulant dependence with intoxication	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.25	Other stimulant dependence with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.28	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.9	Other stimulant use, unspecified	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.91	Other stimulant use, unspecified, in remission	Diagnosis	ICD-10-CM
F15.92	Other stimulant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.95	Other stimulant use, unspecified with stimulant-induced psychotic disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.98	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16.1	Hallucinogen abuse	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.12	Hallucinogen abuse with intoxication	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.15	Hallucinogen abuse with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.18	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.2	Hallucinogen dependence	Diagnosis	ICD-10-CM
F16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
F16.21	Hallucinogen dependence, in remission	Diagnosis	ICD-10-CM
F16.22	Hallucinogen dependence with intoxication	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.25	Hallucinogen dependence with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.28	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.9	Hallucinogen use, unspecified	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.91	Hallucinogen use, unspecified, in remission	Diagnosis	ICD-10-CM
F16.92	Hallucinogen use, unspecified with intoxication	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.95	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.98	Hallucinogen use, unspecified with other specified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F18.1	Inhalant abuse	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	Diagnosis	ICD-10-CM
F18.12	Inhalant abuse with intoxication	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.15	Inhalant abuse with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.18	Inhalant abuse with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.2	Inhalant dependence	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.21	Inhalant dependence, in remission	Diagnosis	ICD-10-CM
F18.22	Inhalant dependence with intoxication	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.25	Inhalant dependence with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.28	Inhalant dependence with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.9	Inhalant use, unspecified	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.91	Inhalant use, unspecified, in remission	Diagnosis	ICD-10-CM
F18.92	Inhalant use, unspecified with intoxication	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.95	Inhalant use, unspecified with inhalant-induced psychotic disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.98	Inhalant use, unspecified with other inhalant-induced disorders	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19.1	Other psychoactive substance abuse	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.12	Other psychoactive substance abuse with intoxication	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.13	Other psychoactive substance abuse with withdrawal	Diagnosis	ICD-10-CM
F19.130	Other psychoactive substance abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.131	Other psychoactive substance abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F19.132	Other psychoactive substance abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.139	Other psychoactive substance abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.15	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.18	Other psychoactive substance abuse with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.2	Other psychoactive substance dependence	Diagnosis	ICD-10-CM
F19.20	Other psychoactive substance dependence, uncomplicated	Diagnosis	ICD-10-CM
F19.21	Other psychoactive substance dependence, in remission	Diagnosis	ICD-10-CM
F19.22	Other psychoactive substance dependence with intoxication	Diagnosis	ICD-10-CM
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.221	Other psychoactive substance dependence with intoxication delirium	Diagnosis	ICD-10-CM
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.229	Other psychoactive substance dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.23	Other psychoactive substance dependence with withdrawal	Diagnosis	ICD-10-CM
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.231	Other psychoactive substance dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.25	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.28	Other psychoactive substance dependence with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.9	Other psychoactive substance use, unspecified	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.91	Other psychoactive substance use, unspecified, in remission	Diagnosis	ICD-10-CM
F19.92	Other psychoactive substance use, unspecified with intoxication	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.93	Other psychoactive substance use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.95	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.98	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorders	Diagnosis	ICD-10-CM
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
Z71.51	Drug abuse counseling and surveillance of drug abuser	Diagnosis	ICD-10-CM
Eating Disorders			
F50.0	Anorexia nervosa	Diagnosis	ICD-10-CM
F50.00	Anorexia nervosa, unspecified	Diagnosis	ICD-10-CM
F50.01	Anorexia nervosa, restricting type	Diagnosis	ICD-10-CM
F50.02	Anorexia nervosa, binge eating/purging type	Diagnosis	ICD-10-CM
F50.2	Bulimia nervosa	Diagnosis	ICD-10-CM
F50.8	Other eating disorders	Diagnosis	ICD-10-CM
F50.81	Binge eating disorder	Diagnosis	ICD-10-CM
F50.82	Avoidant/restrictive food intake disorder	Diagnosis	ICD-10-CM
F50.89	Other specified eating disorder	Diagnosis	ICD-10-CM
F50.9	Eating disorder, unspecified	Diagnosis	ICD-10-CM
Epilepsy or Convulsions			
G40.0	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset	Diagnosis	ICD-10-CM
G40.00	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable	Diagnosis	ICD-10-CM
G40.001	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.009	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.01	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable	Diagnosis	ICD-10-CM
G40.011	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.019	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.1	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures	Diagnosis	ICD-10-CM
G40.10	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable	Diagnosis	ICD-10-CM
G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.11	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable	Diagnosis	ICD-10-CM
G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.2	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures	Diagnosis	ICD-10-CM
G40.20	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable	Diagnosis	ICD-10-CM
G40.201	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.209	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.21	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable	Diagnosis	ICD-10-CM
G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.3	Generalized idiopathic epilepsy and epileptic syndromes	Diagnosis	ICD-10-CM
G40.30	Generalized idiopathic epilepsy and epileptic syndromes, not intractable	Diagnosis	ICD-10-CM
G40.301	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.309	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.31	Generalized idiopathic epilepsy and epileptic syndromes, intractable	Diagnosis	ICD-10-CM
G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.4	Other generalized epilepsy and epileptic syndromes	Diagnosis	ICD-10-CM
G40.40	Other generalized epilepsy and epileptic syndromes, not intractable	Diagnosis	ICD-10-CM
G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.41	Other generalized epilepsy and epileptic syndromes, intractable	Diagnosis	ICD-10-CM
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.42	Cyclin-Dependent Kinase-Like 5 Deficiency Disorder	Diagnosis	ICD-10-CM
G40.5	Epileptic seizures related to external causes	Diagnosis	ICD-10-CM
G40.50	Epileptic seizures related to external causes, not intractable	Diagnosis	ICD-10-CM
G40.501	Epileptic seizures related to external causes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.509	Epileptic seizures related to external causes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.8	Other epilepsy and recurrent seizures	Diagnosis	ICD-10-CM
G40.80	Other epilepsy	Diagnosis	ICD-10-CM
G40.801	Other epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.802	Other epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.803	Other epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.804	Other epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.81	Lennox-Gastaut syndrome	Diagnosis	ICD-10-CM
G40.811	Lennox-Gastaut syndrome, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.812	Lennox-Gastaut syndrome, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.813	Lennox-Gastaut syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.814	Lennox-Gastaut syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.82	Epileptic spasms	Diagnosis	ICD-10-CM
G40.821	Epileptic spasms, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.822	Epileptic spasms, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.823	Epileptic spasms, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.824	Epileptic spasms, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.83	Dravet syndrome	Diagnosis	ICD-10-CM
G40.833	Dravet syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.834	Dravet syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.89	Other seizures	Diagnosis	ICD-10-CM
G40.9	Epilepsy, unspecified	Diagnosis	ICD-10-CM
G40.90	Epilepsy, unspecified, not intractable	Diagnosis	ICD-10-CM
G40.901	Epilepsy, unspecified, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.909	Epilepsy, unspecified, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.91	Epilepsy, unspecified, intractable	Diagnosis	ICD-10-CM
G40.911	Epilepsy, unspecified, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.919	Epilepsy, unspecified, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.A	Absence epileptic syndrome	Diagnosis	ICD-10-CM
G40.A0	Absence epileptic syndrome, not intractable	Diagnosis	ICD-10-CM
G40.A01	Absence epileptic syndrome, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.A09	Absence epileptic syndrome, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.A1	Absence epileptic syndrome, intractable	Diagnosis	ICD-10-CM
G40.A11	Absence epileptic syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.A19	Absence epileptic syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B	Juvenile myoclonic epilepsy [impulsive petit mal]	Diagnosis	ICD-10-CM
G40.B0	Juvenile myoclonic epilepsy, not intractable	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G40.B01	Juvenile myoclonic epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B09	Juvenile myoclonic epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B1	Juvenile myoclonic epilepsy, intractable	Diagnosis	ICD-10-CM
G40.B11	Juvenile myoclonic epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B19	Juvenile myoclonic epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
R56.0	Febrile convulsions	Diagnosis	ICD-10-CM
R56.00	Simple febrile convulsions	Diagnosis	ICD-10-CM
R56.01	Complex febrile convulsions	Diagnosis	ICD-10-CM
R56.1	Post traumatic seizures	Diagnosis	ICD-10-CM
R56.9	Unspecified convulsions	Diagnosis	ICD-10-CM
GI Conditions			
K20.0	Eosinophilic esophagitis	Diagnosis	ICD-10-CM
K20.8	Other esophagitis	Diagnosis	ICD-10-CM
K20.80	Other esophagitis without bleeding	Diagnosis	ICD-10-CM
K20.81	Other esophagitis with bleeding	Diagnosis	ICD-10-CM
K20.9	Esophagitis, unspecified	Diagnosis	ICD-10-CM
K20.90	Esophagitis, unspecified without bleeding	Diagnosis	ICD-10-CM
K20.91	Esophagitis, unspecified with bleeding	Diagnosis	ICD-10-CM
K21.0	Gastro-esophageal reflux disease with esophagitis	Diagnosis	ICD-10-CM
K21.00	Gastro-esophageal reflux disease with esophagitis, without bleeding	Diagnosis	ICD-10-CM
K21.01	Gastro-esophageal reflux disease with esophagitis, with bleeding	Diagnosis	ICD-10-CM
K21.9	Gastro-esophageal reflux disease without esophagitis	Diagnosis	ICD-10-CM
K22.0	Achalasia of cardia	Diagnosis	ICD-10-CM
K22.1	Ulcer of esophagus	Diagnosis	ICD-10-CM
K22.10	Ulcer of esophagus without bleeding	Diagnosis	ICD-10-CM
K22.11	Ulcer of esophagus with bleeding	Diagnosis	ICD-10-CM
K22.2	Esophageal obstruction	Diagnosis	ICD-10-CM
K22.3	Perforation of esophagus	Diagnosis	ICD-10-CM
K22.4	Dyskinesia of esophagus	Diagnosis	ICD-10-CM
K22.5	Diverticulum of esophagus, acquired	Diagnosis	ICD-10-CM
K22.6	Gastro-esophageal laceration-hemorrhage syndrome	Diagnosis	ICD-10-CM
K22.7	Barrett's esophagus	Diagnosis	ICD-10-CM
K22.70	Barrett's esophagus without dysplasia	Diagnosis	ICD-10-CM
K22.71	Barrett's esophagus with dysplasia	Diagnosis	ICD-10-CM
K22.710	Barrett's esophagus with low grade dysplasia	Diagnosis	ICD-10-CM
K22.711	Barrett's esophagus with high grade dysplasia	Diagnosis	ICD-10-CM
K22.719	Barrett's esophagus with dysplasia, unspecified	Diagnosis	ICD-10-CM
K22.8	Other specified diseases of esophagus	Diagnosis	ICD-10-CM
K22.81	Esophageal polyp	Diagnosis	ICD-10-CM
K22.82	Esophagogastric junction polyp	Diagnosis	ICD-10-CM
K22.89	Other specified disease of esophagus	Diagnosis	ICD-10-CM
K22.9	Disease of esophagus, unspecified	Diagnosis	ICD-10-CM
K23	Disorders of esophagus in diseases classified elsewhere	Diagnosis	ICD-10-CM
K25.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.1	Acute gastric ulcer with perforation	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K25.2	Acute gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.3	Acute gastric ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K25.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-10-CM
K25.6	Chronic or unspecified gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.7	Chronic gastric ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K25.9	Gastric ulcer, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-10-CM
K26.2	Acute duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.3	Acute duodenal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-10-CM
K26.6	Chronic or unspecified duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.7	Chronic duodenal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.9	Duodenal ulcer, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K27.0	Acute peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.1	Acute peptic ulcer, site unspecified, with perforation	Diagnosis	ICD-10-CM
K27.2	Acute peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.3	Acute peptic ulcer, site unspecified, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K27.4	Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.5	Chronic or unspecified peptic ulcer, site unspecified, with perforation	Diagnosis	ICD-10-CM
K27.6	Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.7	Chronic peptic ulcer, site unspecified, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K27.9	Peptic ulcer, site unspecified, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-10-CM
K28.2	Acute gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.3	Acute gastrojejunal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-10-CM
K28.6	Chronic or unspecified gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.7	Chronic gastrojejunal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.9	Gastrojejunal ulcer, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K29.0	Acute gastritis	Diagnosis	ICD-10-CM
K29.00	Acute gastritis without bleeding	Diagnosis	ICD-10-CM
K29.01	Acute gastritis with bleeding	Diagnosis	ICD-10-CM
K29.2	Alcoholic gastritis	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.3	Chronic superficial gastritis	Diagnosis	ICD-10-CM
K29.30	Chronic superficial gastritis without bleeding	Diagnosis	ICD-10-CM
K29.31	Chronic superficial gastritis with bleeding	Diagnosis	ICD-10-CM
K29.4	Chronic atrophic gastritis	Diagnosis	ICD-10-CM
K29.40	Chronic atrophic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.41	Chronic atrophic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.5	Unspecified chronic gastritis	Diagnosis	ICD-10-CM
K29.50	Unspecified chronic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.51	Unspecified chronic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.6	Other gastritis	Diagnosis	ICD-10-CM
K29.60	Other gastritis without bleeding	Diagnosis	ICD-10-CM
K29.61	Other gastritis with bleeding	Diagnosis	ICD-10-CM
K29.7	Gastritis, unspecified	Diagnosis	ICD-10-CM
K29.70	Gastritis, unspecified, without bleeding	Diagnosis	ICD-10-CM
K29.71	Gastritis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K29.8	Duodenitis	Diagnosis	ICD-10-CM
K29.80	Duodenitis without bleeding	Diagnosis	ICD-10-CM
K29.81	Duodenitis with bleeding	Diagnosis	ICD-10-CM
K29.9	Gastroduodenitis, unspecified	Diagnosis	ICD-10-CM
K29.90	Gastroduodenitis, unspecified, without bleeding	Diagnosis	ICD-10-CM
K29.91	Gastroduodenitis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K30	Functional dyspepsia	Diagnosis	ICD-10-CM
K31.0	Acute dilatation of stomach	Diagnosis	ICD-10-CM
K31.1	Adult hypertrophic pyloric stenosis	Diagnosis	ICD-10-CM
K31.2	Hourglass stricture and stenosis of stomach	Diagnosis	ICD-10-CM
K31.3	Pylorospasm, not elsewhere classified	Diagnosis	ICD-10-CM
K31.4	Gastric diverticulum	Diagnosis	ICD-10-CM
K31.5	Obstruction of duodenum	Diagnosis	ICD-10-CM
K31.6	Fistula of stomach and duodenum	Diagnosis	ICD-10-CM
K31.7	Polyp of stomach and duodenum	Diagnosis	ICD-10-CM
K31.8	Other specified diseases of stomach and duodenum	Diagnosis	ICD-10-CM
K31.81	Angiodysplasia of stomach and duodenum	Diagnosis	ICD-10-CM
K31.811	Angiodysplasia of stomach and duodenum with bleeding	Diagnosis	ICD-10-CM
K31.819	Angiodysplasia of stomach and duodenum without bleeding	Diagnosis	ICD-10-CM
K31.82	Dieulafoy lesion (hemorrhagic) of stomach and duodenum	Diagnosis	ICD-10-CM
K31.83	Achlorhydria	Diagnosis	ICD-10-CM
K31.84	Gastroparesis	Diagnosis	ICD-10-CM
K31.89	Other diseases of stomach and duodenum	Diagnosis	ICD-10-CM
K31.9	Disease of stomach and duodenum, unspecified	Diagnosis	ICD-10-CM
K31.A	Gastric intestinal metaplasia	Diagnosis	ICD-10-CM
K31.A0	Gastric intestinal metaplasia, unspecified	Diagnosis	ICD-10-CM
K31.A1	Gastric intestinal metaplasia without dysplasia	Diagnosis	ICD-10-CM
K31.A11	Gastric intestinal metaplasia without dysplasia, involving the antrum	Diagnosis	ICD-10-CM
K31.A12	Gastric intestinal metaplasia without dysplasia, involving the body (corpus)	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K31.A13	Gastric intestinal metaplasia without dysplasia, involving the fundus	Diagnosis	ICD-10-CM
K31.A14	Gastric intestinal metaplasia without dysplasia, involving the cardia	Diagnosis	ICD-10-CM
K31.A15	Gastric intestinal metaplasia without dysplasia, involving multiple sites	Diagnosis	ICD-10-CM
K31.A19	Gastric intestinal metaplasia without dysplasia, unspecified site	Diagnosis	ICD-10-CM
K31.A2	Gastric intestinal metaplasia with dysplasia	Diagnosis	ICD-10-CM
K31.A21	Gastric intestinal metaplasia with low grade dysplasia	Diagnosis	ICD-10-CM
K31.A22	Gastric intestinal metaplasia with high grade dysplasia	Diagnosis	ICD-10-CM
K31.A29	Gastric intestinal metaplasia with dysplasia, unspecified	Diagnosis	ICD-10-CM
K50.0	Crohn's disease of small intestine	Diagnosis	ICD-10-CM
K50.00	Crohn's disease of small intestine without complications	Diagnosis	ICD-10-CM
K50.01	Crohn's disease of small intestine with complications	Diagnosis	ICD-10-CM
K50.011	Crohn's disease of small intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICD-10-CM
K50.014	Crohn's disease of small intestine with abscess	Diagnosis	ICD-10-CM
K50.018	Crohn's disease of small intestine with other complication	Diagnosis	ICD-10-CM
K50.019	Crohn's disease of small intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.1	Crohn's disease of large intestine	Diagnosis	ICD-10-CM
K50.10	Crohn's disease of large intestine without complications	Diagnosis	ICD-10-CM
K50.11	Crohn's disease of large intestine with complications	Diagnosis	ICD-10-CM
K50.111	Crohn's disease of large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICD-10-CM
K50.114	Crohn's disease of large intestine with abscess	Diagnosis	ICD-10-CM
K50.118	Crohn's disease of large intestine with other complication	Diagnosis	ICD-10-CM
K50.119	Crohn's disease of large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.8	Crohn's disease of both small and large intestine	Diagnosis	ICD-10-CM
K50.80	Crohn's disease of both small and large intestine without complications	Diagnosis	ICD-10-CM
K50.81	Crohn's disease of both small and large intestine with complications	Diagnosis	ICD-10-CM
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICD-10-CM
K50.814	Crohn's disease of both small and large intestine with abscess	Diagnosis	ICD-10-CM
K50.818	Crohn's disease of both small and large intestine with other complication	Diagnosis	ICD-10-CM
K50.819	Crohn's disease of both small and large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.9	Crohn's disease, unspecified	Diagnosis	ICD-10-CM
K50.90	Crohn's disease, unspecified, without complications	Diagnosis	ICD-10-CM
K50.91	Crohn's disease, unspecified, with complications	Diagnosis	ICD-10-CM
K50.911	Crohn's disease, unspecified, with rectal bleeding	Diagnosis	ICD-10-CM
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICD-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICD-10-CM
K50.914	Crohn's disease, unspecified, with abscess	Diagnosis	ICD-10-CM
K50.918	Crohn's disease, unspecified, with other complication	Diagnosis	ICD-10-CM
K50.919	Crohn's disease, unspecified, with unspecified complications	Diagnosis	ICD-10-CM
K51.0	Ulcerative (chronic) pancolitis	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICD-10-CM
K51.01	Ulcerative (chronic) pancolitis with complications	Diagnosis	ICD-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICD-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICD-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICD-10-CM
K51.2	Ulcerative (chronic) proctitis	Diagnosis	ICD-10-CM
K51.20	Ulcerative (chronic) proctitis without complications	Diagnosis	ICD-10-CM
K51.21	Ulcerative (chronic) proctitis with complications	Diagnosis	ICD-10-CM
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICD-10-CM
K51.214	Ulcerative (chronic) proctitis with abscess	Diagnosis	ICD-10-CM
K51.218	Ulcerative (chronic) proctitis with other complication	Diagnosis	ICD-10-CM
K51.219	Ulcerative (chronic) proctitis with unspecified complications	Diagnosis	ICD-10-CM
K51.3	Ulcerative (chronic) rectosigmoiditis	Diagnosis	ICD-10-CM
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	Diagnosis	ICD-10-CM
K51.31	Ulcerative (chronic) rectosigmoiditis with complications	Diagnosis	ICD-10-CM
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICD-10-CM
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	Diagnosis	ICD-10-CM
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	Diagnosis	ICD-10-CM
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	Diagnosis	ICD-10-CM
K51.4	Inflammatory polyps of colon	Diagnosis	ICD-10-CM
K51.40	Inflammatory polyps of colon without complications	Diagnosis	ICD-10-CM
K51.41	Inflammatory polyps of colon with complications	Diagnosis	ICD-10-CM
K51.411	Inflammatory polyps of colon with rectal bleeding	Diagnosis	ICD-10-CM
K51.412	Inflammatory polyps of colon with intestinal obstruction	Diagnosis	ICD-10-CM
K51.413	Inflammatory polyps of colon with fistula	Diagnosis	ICD-10-CM
K51.414	Inflammatory polyps of colon with abscess	Diagnosis	ICD-10-CM
K51.418	Inflammatory polyps of colon with other complication	Diagnosis	ICD-10-CM
K51.419	Inflammatory polyps of colon with unspecified complications	Diagnosis	ICD-10-CM
K51.5	Left sided colitis	Diagnosis	ICD-10-CM
K51.50	Left sided colitis without complications	Diagnosis	ICD-10-CM
K51.51	Left sided colitis with complications	Diagnosis	ICD-10-CM
K51.511	Left sided colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.513	Left sided colitis with fistula	Diagnosis	ICD-10-CM
K51.514	Left sided colitis with abscess	Diagnosis	ICD-10-CM
K51.518	Left sided colitis with other complication	Diagnosis	ICD-10-CM
K51.519	Left sided colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.8	Other ulcerative colitis	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K51.80	Other ulcerative colitis without complications	Diagnosis	ICD-10-CM
K51.81	Other ulcerative colitis with complications	Diagnosis	ICD-10-CM
K51.811	Other ulcerative colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICD-10-CM
K51.814	Other ulcerative colitis with abscess	Diagnosis	ICD-10-CM
K51.818	Other ulcerative colitis with other complication	Diagnosis	ICD-10-CM
K51.819	Other ulcerative colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.9	Ulcerative colitis, unspecified	Diagnosis	ICD-10-CM
K51.90	Ulcerative colitis, unspecified, without complications	Diagnosis	ICD-10-CM
K51.91	Ulcerative colitis, unspecified, with complications	Diagnosis	ICD-10-CM
K51.911	Ulcerative colitis, unspecified with rectal bleeding	Diagnosis	ICD-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICD-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICD-10-CM
K51.914	Ulcerative colitis, unspecified with abscess	Diagnosis	ICD-10-CM
K51.918	Ulcerative colitis, unspecified with other complication	Diagnosis	ICD-10-CM
K51.919	Ulcerative colitis, unspecified with unspecified complications	Diagnosis	ICD-10-CM
K52.0	Gastroenteritis and colitis due to radiation	Diagnosis	ICD-10-CM
K52.1	Toxic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.2	Allergic and dietetic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.21	Food protein-induced enterocolitis syndrome	Diagnosis	ICD-10-CM
K52.22	Food protein-induced enteropathy	Diagnosis	ICD-10-CM
K52.29	Other allergic and dietetic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.3	Indeterminate colitis	Diagnosis	ICD-10-CM
K52.8	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.81	Eosinophilic gastritis or gastroenteritis	Diagnosis	ICD-10-CM
K52.82	Eosinophilic colitis	Diagnosis	ICD-10-CM
K52.83	Microscopic colitis	Diagnosis	ICD-10-CM
K52.831	Collagenous colitis	Diagnosis	ICD-10-CM
K52.832	Lymphocytic colitis	Diagnosis	ICD-10-CM
K52.838	Other microscopic colitis	Diagnosis	ICD-10-CM
K52.839	Microscopic colitis, unspecified	Diagnosis	ICD-10-CM
K52.89	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.9	Noninfective gastroenteritis and colitis, unspecified	Diagnosis	ICD-10-CM
K58.0	Irritable bowel syndrome with diarrhea	Diagnosis	ICD-10-CM
K58.1	Irritable bowel syndrome with constipation	Diagnosis	ICD-10-CM
K58.2	Mixed irritable bowel syndrome	Diagnosis	ICD-10-CM
K58.8	Other irritable bowel syndrome	Diagnosis	ICD-10-CM
K58.9	Irritable bowel syndrome without diarrhea	Diagnosis	ICD-10-CM
K62.0	Anal polyp	Diagnosis	ICD-10-CM
K62.1	Rectal polyp	Diagnosis	ICD-10-CM
K62.2	Anal prolapse	Diagnosis	ICD-10-CM
K62.3	Rectal prolapse	Diagnosis	ICD-10-CM
K62.4	Stenosis of anus and rectum	Diagnosis	ICD-10-CM
K62.5	Hemorrhage of anus and rectum	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
K62.6	Ulcer of anus and rectum	Diagnosis	ICD-10-CM
K62.7	Radiation proctitis	Diagnosis	ICD-10-CM
K62.8	Other specified diseases of anus and rectum	Diagnosis	ICD-10-CM
K62.81	Anal sphincter tear (healed) (nontraumatic) (old)	Diagnosis	ICD-10-CM
K62.82	Dysplasia of anus	Diagnosis	ICD-10-CM
K62.89	Other specified diseases of anus and rectum	Diagnosis	ICD-10-CM
K62.9	Disease of anus and rectum, unspecified	Diagnosis	ICD-10-CM
K92.0	Hematemesis	Diagnosis	ICD-10-CM
K92.1	Melena	Diagnosis	ICD-10-CM
K92.2	Gastrointestinal hemorrhage, unspecified	Diagnosis	ICD-10-CM
K92.8	Other specified diseases of the digestive system	Diagnosis	ICD-10-CM
K92.81	Gastrointestinal mucositis (ulcerative)	Diagnosis	ICD-10-CM
K92.89	Other specified diseases of the digestive system	Diagnosis	ICD-10-CM
K92.9	Disease of digestive system, unspecified	Diagnosis	ICD-10-CM
Z87.1	Personal history of diseases of the digestive system	Diagnosis	ICD-10-CM
Z87.11	Personal history of peptic ulcer disease	Diagnosis	ICD-10-CM
Z87.19	Personal history of other diseases of the digestive system	Diagnosis	ICD-10-CM
Injuries			
S00	Superficial injury of head	Diagnosis	ICD-10-CM
S00.0	Superficial injury of scalp	Diagnosis	ICD-10-CM
S00.00	Unspecified superficial injury of scalp	Diagnosis	ICD-10-CM
S00.00XA	Unspecified superficial injury of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.00XD	Unspecified superficial injury of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.00XS	Unspecified superficial injury of scalp, sequela	Diagnosis	ICD-10-CM
S00.01	Abrasion of scalp	Diagnosis	ICD-10-CM
S00.01XA	Abrasion of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.01XD	Abrasion of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.01XS	Abrasion of scalp, sequela	Diagnosis	ICD-10-CM
S00.02	Blister (nonthermal) of scalp	Diagnosis	ICD-10-CM
S00.02XA	Blister (nonthermal) of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.02XD	Blister (nonthermal) of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.02XS	Blister (nonthermal) of scalp, sequela	Diagnosis	ICD-10-CM
S00.03	Contusion of scalp	Diagnosis	ICD-10-CM
S00.03XA	Contusion of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.03XD	Contusion of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.03XS	Contusion of scalp, sequela	Diagnosis	ICD-10-CM
S00.04	External constriction of part of scalp	Diagnosis	ICD-10-CM
S00.04XA	External constriction of part of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.04XD	External constriction of part of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.04XS	External constriction of part of scalp, sequela	Diagnosis	ICD-10-CM
S00.05	Superficial foreign body of scalp	Diagnosis	ICD-10-CM
S00.05XA	Superficial foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.05XD	Superficial foreign body of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.05XS	Superficial foreign body of scalp, sequela	Diagnosis	ICD-10-CM
S00.06	Insect bite (nonvenomous) of scalp	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.06XA	Insect bite (nonvenomous) of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.06XD	Insect bite (nonvenomous) of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.06XS	Insect bite (nonvenomous) of scalp, sequela	Diagnosis	ICD-10-CM
S00.07	Other superficial bite of scalp	Diagnosis	ICD-10-CM
S00.07XA	Other superficial bite of scalp, initial encounter	Diagnosis	ICD-10-CM
S00.07XD	Other superficial bite of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S00.07XS	Other superficial bite of scalp, sequela	Diagnosis	ICD-10-CM
S00.1	Contusion of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.10	Contusion of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.10XA	Contusion of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.10XD	Contusion of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.10XS	Contusion of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.11	Contusion of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.11XA	Contusion of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.11XD	Contusion of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.11XS	Contusion of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.12	Contusion of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.12XA	Contusion of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.12XD	Contusion of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.12XS	Contusion of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.2	Other and unspecified superficial injuries of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.20	Unspecified superficial injury of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.201	Unspecified superficial injury of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.201A	Unspecified superficial injury of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.201D	Unspecified superficial injury of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.201S	Unspecified superficial injury of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.202	Unspecified superficial injury of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.202A	Unspecified superficial injury of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.202D	Unspecified superficial injury of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.202S	Unspecified superficial injury of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.209	Unspecified superficial injury of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.209A	Unspecified superficial injury of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.209D	Unspecified superficial injury of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.209S	Unspecified superficial injury of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.21	Abrasion of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.211	Abrasion of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.211A	Abrasion of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.211D	Abrasion of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.211S	Abrasion of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.212	Abrasion of left eyelid and periocular area	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.212A	Abrasion of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.212D	Abrasion of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.212S	Abrasion of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.219	Abrasion of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.219A	Abrasion of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.219D	Abrasion of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.219S	Abrasion of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.22	Blister (nonthermal) of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.221	Blister (nonthermal) of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.221A	Blister (nonthermal) of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.221D	Blister (nonthermal) of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.221S	Blister (nonthermal) of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.222	Blister (nonthermal) of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.222A	Blister (nonthermal) of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.222D	Blister (nonthermal) of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.222S	Blister (nonthermal) of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.229	Blister (nonthermal) of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.229A	Blister (nonthermal) of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.229D	Blister (nonthermal) of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.229S	Blister (nonthermal) of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.24	External constriction of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.241	External constriction of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.241A	External constriction of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.241D	External constriction of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.241S	External constriction of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.242	External constriction of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.242A	External constriction of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.242D	External constriction of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.242S	External constriction of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.249	External constriction of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.249A	External constriction of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.249D	External constriction of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.249S	External constriction of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.25	Superficial foreign body of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.251	Superficial foreign body of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.251A	Superficial foreign body of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.251D	Superficial foreign body of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.251S	Superficial foreign body of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.252	Superficial foreign body of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.252A	Superficial foreign body of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.252D	Superficial foreign body of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.252S	Superficial foreign body of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.259	Superficial foreign body of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.259A	Superficial foreign body of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.259D	Superficial foreign body of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.259S	Superficial foreign body of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.26	Insect bite (nonvenomous) of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.261	Insect bite (nonvenomous) of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.261A	Insect bite (nonvenomous) of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.261D	Insect bite (nonvenomous) of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.261S	Insect bite (nonvenomous) of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.262	Insect bite (nonvenomous) of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.262A	Insect bite (nonvenomous) of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.262D	Insect bite (nonvenomous) of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.262S	Insect bite (nonvenomous) of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.269	Insect bite (nonvenomous) of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.269A	Insect bite (nonvenomous) of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.269D	Insect bite (nonvenomous) of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.269S	Insect bite (nonvenomous) of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.27	Other superficial bite of eyelid and periocular area	Diagnosis	ICD-10-CM
S00.271	Other superficial bite of right eyelid and periocular area	Diagnosis	ICD-10-CM
S00.271A	Other superficial bite of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.271D	Other superficial bite of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.271S	Other superficial bite of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.272	Other superficial bite of left eyelid and periocular area	Diagnosis	ICD-10-CM
S00.272A	Other superficial bite of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.272D	Other superficial bite of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.272S	Other superficial bite of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.279	Other superficial bite of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S00.279A	Other superficial bite of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S00.279D	Other superficial bite of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S00.279S	Other superficial bite of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S00.3	Superficial injury of nose	Diagnosis	ICD-10-CM
S00.30	Unspecified superficial injury of nose	Diagnosis	ICD-10-CM
S00.30XA	Unspecified superficial injury of nose, initial encounter	Diagnosis	ICD-10-CM
S00.30XD	Unspecified superficial injury of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.30XS	Unspecified superficial injury of nose, sequela	Diagnosis	ICD-10-CM
S00.31	Abrasion of nose	Diagnosis	ICD-10-CM
S00.31XA	Abrasion of nose, initial encounter	Diagnosis	ICD-10-CM
S00.31XD	Abrasion of nose, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.31XS	Abrasion of nose, sequela	Diagnosis	ICD-10-CM
S00.32	Blister (nonthermal) of nose	Diagnosis	ICD-10-CM
S00.32XA	Blister (nonthermal) of nose, initial encounter	Diagnosis	ICD-10-CM
S00.32XD	Blister (nonthermal) of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.32XS	Blister (nonthermal) of nose, sequela	Diagnosis	ICD-10-CM
S00.33	Contusion of nose	Diagnosis	ICD-10-CM
S00.33XA	Contusion of nose, initial encounter	Diagnosis	ICD-10-CM
S00.33XD	Contusion of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.33XS	Contusion of nose, sequela	Diagnosis	ICD-10-CM
S00.34	External constriction of nose	Diagnosis	ICD-10-CM
S00.34XA	External constriction of nose, initial encounter	Diagnosis	ICD-10-CM
S00.34XD	External constriction of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.34XS	External constriction of nose, sequela	Diagnosis	ICD-10-CM
S00.35	Superficial foreign body of nose	Diagnosis	ICD-10-CM
S00.35XA	Superficial foreign body of nose, initial encounter	Diagnosis	ICD-10-CM
S00.35XD	Superficial foreign body of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.35XS	Superficial foreign body of nose, sequela	Diagnosis	ICD-10-CM
S00.36	Insect bite (nonvenomous) of nose	Diagnosis	ICD-10-CM
S00.36XA	Insect bite (nonvenomous) of nose, initial encounter	Diagnosis	ICD-10-CM
S00.36XD	Insect bite (nonvenomous) of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.36XS	Insect bite (nonvenomous) of nose, sequela	Diagnosis	ICD-10-CM
S00.37	Other superficial bite of nose	Diagnosis	ICD-10-CM
S00.37XA	Other superficial bite of nose, initial encounter	Diagnosis	ICD-10-CM
S00.37XD	Other superficial bite of nose, subsequent encounter	Diagnosis	ICD-10-CM
S00.37XS	Other superficial bite of nose, sequela	Diagnosis	ICD-10-CM
S00.4	Superficial injury of ear	Diagnosis	ICD-10-CM
S00.40	Unspecified superficial injury of ear	Diagnosis	ICD-10-CM
S00.401	Unspecified superficial injury of right ear	Diagnosis	ICD-10-CM
S00.401A	Unspecified superficial injury of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.401D	Unspecified superficial injury of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.401S	Unspecified superficial injury of right ear, sequela	Diagnosis	ICD-10-CM
S00.402	Unspecified superficial injury of left ear	Diagnosis	ICD-10-CM
S00.402A	Unspecified superficial injury of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.402D	Unspecified superficial injury of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.402S	Unspecified superficial injury of left ear, sequela	Diagnosis	ICD-10-CM
S00.409	Unspecified superficial injury of unspecified ear	Diagnosis	ICD-10-CM
S00.409A	Unspecified superficial injury of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.409D	Unspecified superficial injury of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.409S	Unspecified superficial injury of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.41	Abrasion of ear	Diagnosis	ICD-10-CM
S00.411	Abrasion of right ear	Diagnosis	ICD-10-CM
S00.411A	Abrasion of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.411D	Abrasion of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.411S	Abrasion of right ear, sequela	Diagnosis	ICD-10-CM
S00.412	Abrasion of left ear	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.412A	Abrasion of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.412D	Abrasion of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.412S	Abrasion of left ear, sequela	Diagnosis	ICD-10-CM
S00.419	Abrasion of unspecified ear	Diagnosis	ICD-10-CM
S00.419A	Abrasion of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.419D	Abrasion of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.419S	Abrasion of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.42	Blister (nonthermal) of ear	Diagnosis	ICD-10-CM
S00.421	Blister (nonthermal) of right ear	Diagnosis	ICD-10-CM
S00.421A	Blister (nonthermal) of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.421D	Blister (nonthermal) of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.421S	Blister (nonthermal) of right ear, sequela	Diagnosis	ICD-10-CM
S00.422	Blister (nonthermal) of left ear	Diagnosis	ICD-10-CM
S00.422A	Blister (nonthermal) of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.422D	Blister (nonthermal) of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.422S	Blister (nonthermal) of left ear, sequela	Diagnosis	ICD-10-CM
S00.429	Blister (nonthermal) of unspecified ear	Diagnosis	ICD-10-CM
S00.429A	Blister (nonthermal) of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.429D	Blister (nonthermal) of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.429S	Blister (nonthermal) of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.43	Contusion of ear	Diagnosis	ICD-10-CM
S00.431	Contusion of right ear	Diagnosis	ICD-10-CM
S00.431A	Contusion of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.431D	Contusion of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.431S	Contusion of right ear, sequela	Diagnosis	ICD-10-CM
S00.432	Contusion of left ear	Diagnosis	ICD-10-CM
S00.432A	Contusion of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.432D	Contusion of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.432S	Contusion of left ear, sequela	Diagnosis	ICD-10-CM
S00.439	Contusion of unspecified ear	Diagnosis	ICD-10-CM
S00.439A	Contusion of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.439D	Contusion of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.439S	Contusion of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.44	External constriction of ear	Diagnosis	ICD-10-CM
S00.441	External constriction of right ear	Diagnosis	ICD-10-CM
S00.441A	External constriction of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.441D	External constriction of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.441S	External constriction of right ear, sequela	Diagnosis	ICD-10-CM
S00.442	External constriction of left ear	Diagnosis	ICD-10-CM
S00.442A	External constriction of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.442D	External constriction of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.442S	External constriction of left ear, sequela	Diagnosis	ICD-10-CM
S00.449	External constriction of unspecified ear	Diagnosis	ICD-10-CM
S00.449A	External constriction of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.449D	External constriction of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.449S	External constriction of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.45	Superficial foreign body of ear	Diagnosis	ICD-10-CM
S00.451	Superficial foreign body of right ear	Diagnosis	ICD-10-CM
S00.451A	Superficial foreign body of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.451D	Superficial foreign body of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.451S	Superficial foreign body of right ear, sequela	Diagnosis	ICD-10-CM
S00.452	Superficial foreign body of left ear	Diagnosis	ICD-10-CM
S00.452A	Superficial foreign body of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.452D	Superficial foreign body of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.452S	Superficial foreign body of left ear, sequela	Diagnosis	ICD-10-CM
S00.459	Superficial foreign body of unspecified ear	Diagnosis	ICD-10-CM
S00.459A	Superficial foreign body of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.459D	Superficial foreign body of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.459S	Superficial foreign body of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.46	Insect bite (nonvenomous) of ear	Diagnosis	ICD-10-CM
S00.461	Insect bite (nonvenomous) of right ear	Diagnosis	ICD-10-CM
S00.461A	Insect bite (nonvenomous) of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.461D	Insect bite (nonvenomous) of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.461S	Insect bite (nonvenomous) of right ear, sequela	Diagnosis	ICD-10-CM
S00.462	Insect bite (nonvenomous) of left ear	Diagnosis	ICD-10-CM
S00.462A	Insect bite (nonvenomous) of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.462D	Insect bite (nonvenomous) of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.462S	Insect bite (nonvenomous) of left ear, sequela	Diagnosis	ICD-10-CM
S00.469	Insect bite (nonvenomous) of unspecified ear	Diagnosis	ICD-10-CM
S00.469A	Insect bite (nonvenomous) of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.469D	Insect bite (nonvenomous) of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.469S	Insect bite (nonvenomous) of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.47	Other superficial bite of ear	Diagnosis	ICD-10-CM
S00.471	Other superficial bite of right ear	Diagnosis	ICD-10-CM
S00.471A	Other superficial bite of right ear, initial encounter	Diagnosis	ICD-10-CM
S00.471D	Other superficial bite of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.471S	Other superficial bite of right ear, sequela	Diagnosis	ICD-10-CM
S00.472	Other superficial bite of left ear	Diagnosis	ICD-10-CM
S00.472A	Other superficial bite of left ear, initial encounter	Diagnosis	ICD-10-CM
S00.472D	Other superficial bite of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.472S	Other superficial bite of left ear, sequela	Diagnosis	ICD-10-CM
S00.479	Other superficial bite of unspecified ear	Diagnosis	ICD-10-CM
S00.479A	Other superficial bite of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S00.479D	Other superficial bite of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S00.479S	Other superficial bite of unspecified ear, sequela	Diagnosis	ICD-10-CM
S00.5	Superficial injury of lip and oral cavity	Diagnosis	ICD-10-CM
S00.50	Unspecified superficial injury of lip and oral cavity	Diagnosis	ICD-10-CM
S00.501	Unspecified superficial injury of lip	Diagnosis	ICD-10-CM
S00.501A	Unspecified superficial injury of lip, initial encounter	Diagnosis	ICD-10-CM
S00.501D	Unspecified superficial injury of lip, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.501S	Unspecified superficial injury of lip, sequela	Diagnosis	ICD-10-CM
S00.502	Unspecified superficial injury of oral cavity	Diagnosis	ICD-10-CM
S00.502A	Unspecified superficial injury of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.502D	Unspecified superficial injury of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.502S	Unspecified superficial injury of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.51	Abrasion of lip and oral cavity	Diagnosis	ICD-10-CM
S00.511	Abrasion of lip	Diagnosis	ICD-10-CM
S00.511A	Abrasion of lip, initial encounter	Diagnosis	ICD-10-CM
S00.511D	Abrasion of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.511S	Abrasion of lip, sequela	Diagnosis	ICD-10-CM
S00.512	Abrasion of oral cavity	Diagnosis	ICD-10-CM
S00.512A	Abrasion of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.512D	Abrasion of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.512S	Abrasion of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.52	Blister (nonthermal) of lip and oral cavity	Diagnosis	ICD-10-CM
S00.521	Blister (nonthermal) of lip	Diagnosis	ICD-10-CM
S00.521A	Blister (nonthermal) of lip, initial encounter	Diagnosis	ICD-10-CM
S00.521D	Blister (nonthermal) of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.521S	Blister (nonthermal) of lip, sequela	Diagnosis	ICD-10-CM
S00.522	Blister (nonthermal) of oral cavity	Diagnosis	ICD-10-CM
S00.522A	Blister (nonthermal) of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.522D	Blister (nonthermal) of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.522S	Blister (nonthermal) of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.53	Contusion of lip and oral cavity	Diagnosis	ICD-10-CM
S00.531	Contusion of lip	Diagnosis	ICD-10-CM
S00.531A	Contusion of lip, initial encounter	Diagnosis	ICD-10-CM
S00.531D	Contusion of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.531S	Contusion of lip, sequela	Diagnosis	ICD-10-CM
S00.532	Contusion of oral cavity	Diagnosis	ICD-10-CM
S00.532A	Contusion of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.532D	Contusion of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.532S	Contusion of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.54	External constriction of lip and oral cavity	Diagnosis	ICD-10-CM
S00.541	External constriction of lip	Diagnosis	ICD-10-CM
S00.541A	External constriction of lip, initial encounter	Diagnosis	ICD-10-CM
S00.541D	External constriction of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.541S	External constriction of lip, sequela	Diagnosis	ICD-10-CM
S00.542	External constriction of oral cavity	Diagnosis	ICD-10-CM
S00.542A	External constriction of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.542D	External constriction of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.542S	External constriction of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.55	Superficial foreign body of lip and oral cavity	Diagnosis	ICD-10-CM
S00.551	Superficial foreign body of lip	Diagnosis	ICD-10-CM
S00.551A	Superficial foreign body of lip, initial encounter	Diagnosis	ICD-10-CM
S00.551D	Superficial foreign body of lip, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.551S	Superficial foreign body of lip, sequela	Diagnosis	ICD-10-CM
S00.552	Superficial foreign body of oral cavity	Diagnosis	ICD-10-CM
S00.552A	Superficial foreign body of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.552D	Superficial foreign body of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.552S	Superficial foreign body of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.56	Insect bite (nonvenomous) of lip and oral cavity	Diagnosis	ICD-10-CM
S00.561	Insect bite (nonvenomous) of lip	Diagnosis	ICD-10-CM
S00.561A	Insect bite (nonvenomous) of lip, initial encounter	Diagnosis	ICD-10-CM
S00.561D	Insect bite (nonvenomous) of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.561S	Insect bite (nonvenomous) of lip, sequela	Diagnosis	ICD-10-CM
S00.562	Insect bite (nonvenomous) of oral cavity	Diagnosis	ICD-10-CM
S00.562A	Insect bite (nonvenomous) of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.562D	Insect bite (nonvenomous) of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.562S	Insect bite (nonvenomous) of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.57	Other superficial bite of lip and oral cavity	Diagnosis	ICD-10-CM
S00.571	Other superficial bite of lip	Diagnosis	ICD-10-CM
S00.571A	Other superficial bite of lip, initial encounter	Diagnosis	ICD-10-CM
S00.571D	Other superficial bite of lip, subsequent encounter	Diagnosis	ICD-10-CM
S00.571S	Other superficial bite of lip, sequela	Diagnosis	ICD-10-CM
S00.572	Other superficial bite of oral cavity	Diagnosis	ICD-10-CM
S00.572A	Other superficial bite of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S00.572D	Other superficial bite of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S00.572S	Other superficial bite of oral cavity, sequela	Diagnosis	ICD-10-CM
S00.8	Superficial injury of other parts of head	Diagnosis	ICD-10-CM
S00.80	Unspecified superficial injury of other part of head	Diagnosis	ICD-10-CM
S00.80XA	Unspecified superficial injury of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.80XD	Unspecified superficial injury of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.80XS	Unspecified superficial injury of other part of head, sequela	Diagnosis	ICD-10-CM
S00.81	Abrasion of other part of head	Diagnosis	ICD-10-CM
S00.81XA	Abrasion of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.81XD	Abrasion of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.81XS	Abrasion of other part of head, sequela	Diagnosis	ICD-10-CM
S00.82	Blister (nonthermal) of other part of head	Diagnosis	ICD-10-CM
S00.82XA	Blister (nonthermal) of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.82XD	Blister (nonthermal) of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.82XS	Blister (nonthermal) of other part of head, sequela	Diagnosis	ICD-10-CM
S00.83	Contusion of other part of head	Diagnosis	ICD-10-CM
S00.83XA	Contusion of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.83XD	Contusion of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.83XS	Contusion of other part of head, sequela	Diagnosis	ICD-10-CM
S00.84	External constriction of other part of head	Diagnosis	ICD-10-CM
S00.84XA	External constriction of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.84XD	External constriction of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.84XS	External constriction of other part of head, sequela	Diagnosis	ICD-10-CM
S00.85	Superficial foreign body of other part of head	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S00.85XA	Superficial foreign body of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.85XD	Superficial foreign body of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.85XS	Superficial foreign body of other part of head, sequela	Diagnosis	ICD-10-CM
S00.86	Insect bite (nonvenomous) of other part of head	Diagnosis	ICD-10-CM
S00.86XA	Insect bite (nonvenomous) of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.86XD	Insect bite (nonvenomous) of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.86XS	Insect bite (nonvenomous) of other part of head, sequela	Diagnosis	ICD-10-CM
S00.87	Other superficial bite of other part of head	Diagnosis	ICD-10-CM
S00.87XA	Other superficial bite of other part of head, initial encounter	Diagnosis	ICD-10-CM
S00.87XD	Other superficial bite of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.87XS	Other superficial bite of other part of head, sequela	Diagnosis	ICD-10-CM
S00.9	Superficial injury of unspecified part of head	Diagnosis	ICD-10-CM
S00.90	Unspecified superficial injury of unspecified part of head	Diagnosis	ICD-10-CM
S00.90XA	Unspecified superficial injury of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.90XD	Unspecified superficial injury of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.90XS	Unspecified superficial injury of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.91	Abrasion of unspecified part of head	Diagnosis	ICD-10-CM
S00.91XA	Abrasion of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.91XD	Abrasion of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.91XS	Abrasion of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.92	Blister (nonthermal) of unspecified part of head	Diagnosis	ICD-10-CM
S00.92XA	Blister (nonthermal) of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.92XD	Blister (nonthermal) of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.92XS	Blister (nonthermal) of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.93	Contusion of unspecified part of head	Diagnosis	ICD-10-CM
S00.93XA	Contusion of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.93XD	Contusion of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.93XS	Contusion of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.94	External constriction of unspecified part of head	Diagnosis	ICD-10-CM
S00.94XA	External constriction of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.94XD	External constriction of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.94XS	External constriction of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.95	Superficial foreign body of unspecified part of head	Diagnosis	ICD-10-CM
S00.95XA	Superficial foreign body of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.95XD	Superficial foreign body of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.95XS	Superficial foreign body of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.96	Insect bite (nonvenomous) of unspecified part of head	Diagnosis	ICD-10-CM
S00.96XA	Insect bite (nonvenomous) of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.96XD	Insect bite (nonvenomous) of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.96XS	Insect bite (nonvenomous) of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S00.97	Other superficial bite of unspecified part of head	Diagnosis	ICD-10-CM
S00.97XA	Other superficial bite of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S00.97XD	Other superficial bite of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S00.97XS	Other superficial bite of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S01	Open wound of head	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.0	Open wound of scalp	Diagnosis	ICD-10-CM
S01.00	Unspecified open wound of scalp	Diagnosis	ICD-10-CM
S01.00XA	Unspecified open wound of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.00XD	Unspecified open wound of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S01.00XS	Unspecified open wound of scalp, sequela	Diagnosis	ICD-10-CM
S01.01	Laceration without foreign body of scalp	Diagnosis	ICD-10-CM
S01.01XA	Laceration without foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.01XD	Laceration without foreign body of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S01.01XS	Laceration without foreign body of scalp, sequela	Diagnosis	ICD-10-CM
S01.02	Laceration with foreign body of scalp	Diagnosis	ICD-10-CM
S01.02XA	Laceration with foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.02XD	Laceration with foreign body of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S01.02XS	Laceration with foreign body of scalp, sequela	Diagnosis	ICD-10-CM
S01.03	Puncture wound without foreign body of scalp	Diagnosis	ICD-10-CM
S01.03XA	Puncture wound without foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.03XD	Puncture wound without foreign body of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S01.03XS	Puncture wound without foreign body of scalp, sequela	Diagnosis	ICD-10-CM
S01.04	Puncture wound with foreign body of scalp	Diagnosis	ICD-10-CM
S01.04XA	Puncture wound with foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.04XD	Puncture wound with foreign body of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S01.04XS	Puncture wound with foreign body of scalp, sequela	Diagnosis	ICD-10-CM
S01.05	Open bite of scalp	Diagnosis	ICD-10-CM
S01.05XA	Open bite of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.05XD	Open bite of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S01.05XS	Open bite of scalp, sequela	Diagnosis	ICD-10-CM
S01.1	Open wound of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.10	Unspecified open wound of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.101	Unspecified open wound of right eyelid and periocular area	Diagnosis	ICD-10-CM
S01.101A	Unspecified open wound of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.101D	Unspecified open wound of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.101S	Unspecified open wound of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.102	Unspecified open wound of left eyelid and periocular area	Diagnosis	ICD-10-CM
S01.102A	Unspecified open wound of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.102D	Unspecified open wound of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.102S	Unspecified open wound of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.109	Unspecified open wound of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S01.109A	Unspecified open wound of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.109D	Unspecified open wound of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.109S	Unspecified open wound of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.11	Laceration without foreign body of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.111	Laceration without foreign body of right eyelid and periocular area	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.111A	Laceration without foreign body of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.111D	Laceration without foreign body of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.111S	Laceration without foreign body of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.112	Laceration without foreign body of left eyelid and periocular area	Diagnosis	ICD-10-CM
S01.112A	Laceration without foreign body of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.112D	Laceration without foreign body of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.112S	Laceration without foreign body of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.119	Laceration without foreign body of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S01.119A	Laceration without foreign body of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.119D	Laceration without foreign body of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.119S	Laceration without foreign body of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.12	Laceration with foreign body of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.121	Laceration with foreign body of right eyelid and periocular area	Diagnosis	ICD-10-CM
S01.121A	Laceration with foreign body of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.121D	Laceration with foreign body of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.121S	Laceration with foreign body of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.122	Laceration with foreign body of left eyelid and periocular area	Diagnosis	ICD-10-CM
S01.122A	Laceration with foreign body of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.122D	Laceration with foreign body of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.122S	Laceration with foreign body of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.129	Laceration with foreign body of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S01.129A	Laceration with foreign body of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.129D	Laceration with foreign body of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.129S	Laceration with foreign body of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.13	Puncture wound without foreign body of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.131	Puncture wound without foreign body of right eyelid and periocular area	Diagnosis	ICD-10-CM
S01.131A	Puncture wound without foreign body of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.131D	Puncture wound without foreign body of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.131S	Puncture wound without foreign body of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.132	Puncture wound without foreign body of left eyelid and periocular area	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.132A	Puncture wound without foreign body of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.132D	Puncture wound without foreign body of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.132S	Puncture wound without foreign body of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.139	Puncture wound without foreign body of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S01.139A	Puncture wound without foreign body of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.139D	Puncture wound without foreign body of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.139S	Puncture wound without foreign body of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.14	Puncture wound with foreign body of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.141	Puncture wound with foreign body of right eyelid and periocular area	Diagnosis	ICD-10-CM
S01.141A	Puncture wound with foreign body of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.141D	Puncture wound with foreign body of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.141S	Puncture wound with foreign body of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.142	Puncture wound with foreign body of left eyelid and periocular area	Diagnosis	ICD-10-CM
S01.142A	Puncture wound with foreign body of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.142D	Puncture wound with foreign body of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.142S	Puncture wound with foreign body of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.149	Puncture wound with foreign body of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S01.149A	Puncture wound with foreign body of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.149D	Puncture wound with foreign body of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.149S	Puncture wound with foreign body of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.15	Open bite of eyelid and periocular area	Diagnosis	ICD-10-CM
S01.151	Open bite of right eyelid and periocular area	Diagnosis	ICD-10-CM
S01.151A	Open bite of right eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.151D	Open bite of right eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.151S	Open bite of right eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.152	Open bite of left eyelid and periocular area	Diagnosis	ICD-10-CM
S01.152A	Open bite of left eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.152D	Open bite of left eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.152S	Open bite of left eyelid and periocular area, sequela	Diagnosis	ICD-10-CM
S01.159	Open bite of unspecified eyelid and periocular area	Diagnosis	ICD-10-CM
S01.159A	Open bite of unspecified eyelid and periocular area, initial encounter	Diagnosis	ICD-10-CM
S01.159D	Open bite of unspecified eyelid and periocular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.159S	Open bite of unspecified eyelid and periocular area, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.2	Open wound of nose	Diagnosis	ICD-10-CM
S01.20	Unspecified open wound of nose	Diagnosis	ICD-10-CM
S01.20XA	Unspecified open wound of nose, initial encounter	Diagnosis	ICD-10-CM
S01.20XD	Unspecified open wound of nose, subsequent encounter	Diagnosis	ICD-10-CM
S01.20XS	Unspecified open wound of nose, sequela	Diagnosis	ICD-10-CM
S01.21	Laceration without foreign body of nose	Diagnosis	ICD-10-CM
S01.21XA	Laceration without foreign body of nose, initial encounter	Diagnosis	ICD-10-CM
S01.21XD	Laceration without foreign body of nose, subsequent encounter	Diagnosis	ICD-10-CM
S01.21XS	Laceration without foreign body of nose, sequela	Diagnosis	ICD-10-CM
S01.22	Laceration with foreign body of nose	Diagnosis	ICD-10-CM
S01.22XA	Laceration with foreign body of nose, initial encounter	Diagnosis	ICD-10-CM
S01.22XD	Laceration with foreign body of nose, subsequent encounter	Diagnosis	ICD-10-CM
S01.22XS	Laceration with foreign body of nose, sequela	Diagnosis	ICD-10-CM
S01.23	Puncture wound without foreign body of nose	Diagnosis	ICD-10-CM
S01.23XA	Puncture wound without foreign body of nose, initial encounter	Diagnosis	ICD-10-CM
S01.23XD	Puncture wound without foreign body of nose, subsequent encounter	Diagnosis	ICD-10-CM
S01.23XS	Puncture wound without foreign body of nose, sequela	Diagnosis	ICD-10-CM
S01.24	Puncture wound with foreign body of nose	Diagnosis	ICD-10-CM
S01.24XA	Puncture wound with foreign body of nose, initial encounter	Diagnosis	ICD-10-CM
S01.24XD	Puncture wound with foreign body of nose, subsequent encounter	Diagnosis	ICD-10-CM
S01.24XS	Puncture wound with foreign body of nose, sequela	Diagnosis	ICD-10-CM
S01.25	Open bite of nose	Diagnosis	ICD-10-CM
S01.25XA	Open bite of nose, initial encounter	Diagnosis	ICD-10-CM
S01.25XD	Open bite of nose, subsequent encounter	Diagnosis	ICD-10-CM
S01.25XS	Open bite of nose, sequela	Diagnosis	ICD-10-CM
S01.3	Open wound of ear	Diagnosis	ICD-10-CM
S01.30	Unspecified open wound of ear	Diagnosis	ICD-10-CM
S01.301	Unspecified open wound of right ear	Diagnosis	ICD-10-CM
S01.301A	Unspecified open wound of right ear, initial encounter	Diagnosis	ICD-10-CM
S01.301D	Unspecified open wound of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.301S	Unspecified open wound of right ear, sequela	Diagnosis	ICD-10-CM
S01.302	Unspecified open wound of left ear	Diagnosis	ICD-10-CM
S01.302A	Unspecified open wound of left ear, initial encounter	Diagnosis	ICD-10-CM
S01.302D	Unspecified open wound of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.302S	Unspecified open wound of left ear, sequela	Diagnosis	ICD-10-CM
S01.309	Unspecified open wound of unspecified ear	Diagnosis	ICD-10-CM
S01.309A	Unspecified open wound of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S01.309D	Unspecified open wound of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.309S	Unspecified open wound of unspecified ear, sequela	Diagnosis	ICD-10-CM
S01.31	Laceration without foreign body of ear	Diagnosis	ICD-10-CM
S01.311	Laceration without foreign body of right ear	Diagnosis	ICD-10-CM
S01.311A	Laceration without foreign body of right ear, initial encounter	Diagnosis	ICD-10-CM
S01.311D	Laceration without foreign body of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.311S	Laceration without foreign body of right ear, sequela	Diagnosis	ICD-10-CM
S01.312	Laceration without foreign body of left ear	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.312A	Laceration without foreign body of left ear, initial encounter	Diagnosis	ICD-10-CM
S01.312D	Laceration without foreign body of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.312S	Laceration without foreign body of left ear, sequela	Diagnosis	ICD-10-CM
S01.319	Laceration without foreign body of unspecified ear	Diagnosis	ICD-10-CM
S01.319A	Laceration without foreign body of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S01.319D	Laceration without foreign body of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.319S	Laceration without foreign body of unspecified ear, sequela	Diagnosis	ICD-10-CM
S01.32	Laceration with foreign body of ear	Diagnosis	ICD-10-CM
S01.321	Laceration with foreign body of right ear	Diagnosis	ICD-10-CM
S01.321A	Laceration with foreign body of right ear, initial encounter	Diagnosis	ICD-10-CM
S01.321D	Laceration with foreign body of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.321S	Laceration with foreign body of right ear, sequela	Diagnosis	ICD-10-CM
S01.322	Laceration with foreign body of left ear	Diagnosis	ICD-10-CM
S01.322A	Laceration with foreign body of left ear, initial encounter	Diagnosis	ICD-10-CM
S01.322D	Laceration with foreign body of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.322S	Laceration with foreign body of left ear, sequela	Diagnosis	ICD-10-CM
S01.329	Laceration with foreign body of unspecified ear	Diagnosis	ICD-10-CM
S01.329A	Laceration with foreign body of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S01.329D	Laceration with foreign body of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.329S	Laceration with foreign body of unspecified ear, sequela	Diagnosis	ICD-10-CM
S01.33	Puncture wound without foreign body of ear	Diagnosis	ICD-10-CM
S01.331	Puncture wound without foreign body of right ear	Diagnosis	ICD-10-CM
S01.331A	Puncture wound without foreign body of right ear, initial encounter	Diagnosis	ICD-10-CM
S01.331D	Puncture wound without foreign body of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.331S	Puncture wound without foreign body of right ear, sequela	Diagnosis	ICD-10-CM
S01.332	Puncture wound without foreign body of left ear	Diagnosis	ICD-10-CM
S01.332A	Puncture wound without foreign body of left ear, initial encounter	Diagnosis	ICD-10-CM
S01.332D	Puncture wound without foreign body of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.332S	Puncture wound without foreign body of left ear, sequela	Diagnosis	ICD-10-CM
S01.339	Puncture wound without foreign body of unspecified ear	Diagnosis	ICD-10-CM
S01.339A	Puncture wound without foreign body of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S01.339D	Puncture wound without foreign body of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.339S	Puncture wound without foreign body of unspecified ear, sequela	Diagnosis	ICD-10-CM
S01.34	Puncture wound with foreign body of ear	Diagnosis	ICD-10-CM
S01.341	Puncture wound with foreign body of right ear	Diagnosis	ICD-10-CM
S01.341A	Puncture wound with foreign body of right ear, initial encounter	Diagnosis	ICD-10-CM
S01.341D	Puncture wound with foreign body of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.341S	Puncture wound with foreign body of right ear, sequela	Diagnosis	ICD-10-CM
S01.342	Puncture wound with foreign body of left ear	Diagnosis	ICD-10-CM
S01.342A	Puncture wound with foreign body of left ear, initial encounter	Diagnosis	ICD-10-CM
S01.342D	Puncture wound with foreign body of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.342S	Puncture wound with foreign body of left ear, sequela	Diagnosis	ICD-10-CM
S01.349	Puncture wound with foreign body of unspecified ear	Diagnosis	ICD-10-CM
S01.349A	Puncture wound with foreign body of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S01.349D	Puncture wound with foreign body of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.349S	Puncture wound with foreign body of unspecified ear, sequela	Diagnosis	ICD-10-CM
S01.35	Open bite of ear	Diagnosis	ICD-10-CM
S01.351	Open bite of right ear	Diagnosis	ICD-10-CM
S01.351A	Open bite of right ear, initial encounter	Diagnosis	ICD-10-CM
S01.351D	Open bite of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.351S	Open bite of right ear, sequela	Diagnosis	ICD-10-CM
S01.352	Open bite of left ear	Diagnosis	ICD-10-CM
S01.352A	Open bite of left ear, initial encounter	Diagnosis	ICD-10-CM
S01.352D	Open bite of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.352S	Open bite of left ear, sequela	Diagnosis	ICD-10-CM
S01.359	Open bite of unspecified ear	Diagnosis	ICD-10-CM
S01.359A	Open bite of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S01.359D	Open bite of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S01.359S	Open bite of unspecified ear, sequela	Diagnosis	ICD-10-CM
S01.4	Open wound of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.40	Unspecified open wound of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.401	Unspecified open wound of right cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.401A	Unspecified open wound of right cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.401D	Unspecified open wound of right cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.401S	Unspecified open wound of right cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.402	Unspecified open wound of left cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.402A	Unspecified open wound of left cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.402D	Unspecified open wound of left cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.402S	Unspecified open wound of left cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.409	Unspecified open wound of unspecified cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.409A	Unspecified open wound of unspecified cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.409D	Unspecified open wound of unspecified cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.409S	Unspecified open wound of unspecified cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.41	Laceration without foreign body of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.411	Laceration without foreign body of right cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.411A	Laceration without foreign body of right cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.411D	Laceration without foreign body of right cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.411S	Laceration without foreign body of right cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.412	Laceration without foreign body of left cheek and temporomandibular area	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.412A	Laceration without foreign body of left cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.412D	Laceration without foreign body of left cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.412S	Laceration without foreign body of left cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.419	Laceration without foreign body of unspecified cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.419A	Laceration without foreign body of unspecified cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.419D	Laceration without foreign body of unspecified cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.419S	Laceration without foreign body of unspecified cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.42	Laceration with foreign body of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.421	Laceration with foreign body of right cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.421A	Laceration with foreign body of right cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.421D	Laceration with foreign body of right cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.421S	Laceration with foreign body of right cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.422	Laceration with foreign body of left cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.422A	Laceration with foreign body of left cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.422D	Laceration with foreign body of left cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.422S	Laceration with foreign body of left cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.429	Laceration with foreign body of unspecified cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.429A	Laceration with foreign body of unspecified cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.429D	Laceration with foreign body of unspecified cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.429S	Laceration with foreign body of unspecified cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.43	Puncture wound without foreign body of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.431	Puncture wound without foreign body of right cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.431A	Puncture wound without foreign body of right cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.431D	Puncture wound without foreign body of right cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.431S	Puncture wound without foreign body of right cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.432	Puncture wound without foreign body of left cheek and temporomandibular area	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S01.432A	Puncture wound without foreign body of left cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.432D	Puncture wound without foreign body of left cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.432S	Puncture wound without foreign body of left cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.439	Puncture wound without foreign body of unspecified cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.439A	Puncture wound without foreign body of unspecified cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.439D	Puncture wound without foreign body of unspecified cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.439S	Puncture wound without foreign body of unspecified cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.44	Puncture wound with foreign body of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.441	Puncture wound with foreign body of right cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.441A	Puncture wound with foreign body of right cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.441D	Puncture wound with foreign body of right cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.441S	Puncture wound with foreign body of right cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.442	Puncture wound with foreign body of left cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.442A	Puncture wound with foreign body of left cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.442D	Puncture wound with foreign body of left cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.442S	Puncture wound with foreign body of left cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.449	Puncture wound with foreign body of unspecified cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.449A	Puncture wound with foreign body of unspecified cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.449D	Puncture wound with foreign body of unspecified cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.449S	Puncture wound with foreign body of unspecified cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.45	Open bite of cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.451	Open bite of right cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.451A	Open bite of right cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.451D	Open bite of right cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.451S	Open bite of right cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.452	Open bite of left cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.452A	Open bite of left cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.452D	Open bite of left cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.452S	Open bite of left cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.459	Open bite of unspecified cheek and temporomandibular area	Diagnosis	ICD-10-CM
S01.459A	Open bite of unspecified cheek and temporomandibular area, initial encounter	Diagnosis	ICD-10-CM
S01.459D	Open bite of unspecified cheek and temporomandibular area, subsequent encounter	Diagnosis	ICD-10-CM
S01.459S	Open bite of unspecified cheek and temporomandibular area, sequela	Diagnosis	ICD-10-CM
S01.5	Open wound of lip and oral cavity	Diagnosis	ICD-10-CM
S01.50	Unspecified open wound of lip and oral cavity	Diagnosis	ICD-10-CM
S01.501	Unspecified open wound of lip	Diagnosis	ICD-10-CM
S01.501A	Unspecified open wound of lip, initial encounter	Diagnosis	ICD-10-CM
S01.501D	Unspecified open wound of lip, subsequent encounter	Diagnosis	ICD-10-CM
S01.501S	Unspecified open wound of lip, sequela	Diagnosis	ICD-10-CM
S01.502	Unspecified open wound of oral cavity	Diagnosis	ICD-10-CM
S01.502A	Unspecified open wound of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S01.502D	Unspecified open wound of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S01.502S	Unspecified open wound of oral cavity, sequela	Diagnosis	ICD-10-CM
S01.51	Laceration of lip and oral cavity without foreign body	Diagnosis	ICD-10-CM
S01.511	Laceration without foreign body of lip	Diagnosis	ICD-10-CM
S01.511A	Laceration without foreign body of lip, initial encounter	Diagnosis	ICD-10-CM
S01.511D	Laceration without foreign body of lip, subsequent encounter	Diagnosis	ICD-10-CM
S01.511S	Laceration without foreign body of lip, sequela	Diagnosis	ICD-10-CM
S01.512	Laceration without foreign body of oral cavity	Diagnosis	ICD-10-CM
S01.512A	Laceration without foreign body of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S01.512D	Laceration without foreign body of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S01.512S	Laceration without foreign body of oral cavity, sequela	Diagnosis	ICD-10-CM
S01.52	Laceration of lip and oral cavity with foreign body	Diagnosis	ICD-10-CM
S01.521	Laceration with foreign body of lip	Diagnosis	ICD-10-CM
S01.521A	Laceration with foreign body of lip, initial encounter	Diagnosis	ICD-10-CM
S01.521D	Laceration with foreign body of lip, subsequent encounter	Diagnosis	ICD-10-CM
S01.521S	Laceration with foreign body of lip, sequela	Diagnosis	ICD-10-CM
S01.522	Laceration with foreign body of oral cavity	Diagnosis	ICD-10-CM
S01.522A	Laceration with foreign body of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S01.522D	Laceration with foreign body of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S01.522S	Laceration with foreign body of oral cavity, sequela	Diagnosis	ICD-10-CM
S01.53	Puncture wound of lip and oral cavity without foreign body	Diagnosis	ICD-10-CM
S01.531	Puncture wound without foreign body of lip	Diagnosis	ICD-10-CM
S01.531A	Puncture wound without foreign body of lip, initial encounter	Diagnosis	ICD-10-CM
S01.531D	Puncture wound without foreign body of lip, subsequent encounter	Diagnosis	ICD-10-CM
S01.531S	Puncture wound without foreign body of lip, sequela	Diagnosis	ICD-10-CM
S01.532	Puncture wound without foreign body of oral cavity	Diagnosis	ICD-10-CM
S01.532A	Puncture wound without foreign body of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S01.532D	Puncture wound without foreign body of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S01.532S	Puncture wound without foreign body of oral cavity, sequela	Diagnosis	ICD-10-CM
S01.54	Puncture wound of lip and oral cavity with foreign body	Diagnosis	ICD-10-CM
S01.541	Puncture wound with foreign body of lip	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S01.541A	Puncture wound with foreign body of lip, initial encounter	Diagnosis	ICD-10-CM
S01.541D	Puncture wound with foreign body of lip, subsequent encounter	Diagnosis	ICD-10-CM
S01.541S	Puncture wound with foreign body of lip, sequela	Diagnosis	ICD-10-CM
S01.542	Puncture wound with foreign body of oral cavity	Diagnosis	ICD-10-CM
S01.542A	Puncture wound with foreign body of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S01.542D	Puncture wound with foreign body of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S01.542S	Puncture wound with foreign body of oral cavity, sequela	Diagnosis	ICD-10-CM
S01.55	Open bite of lip and oral cavity	Diagnosis	ICD-10-CM
S01.551	Open bite of lip	Diagnosis	ICD-10-CM
S01.551A	Open bite of lip, initial encounter	Diagnosis	ICD-10-CM
S01.551D	Open bite of lip, subsequent encounter	Diagnosis	ICD-10-CM
S01.551S	Open bite of lip, sequela	Diagnosis	ICD-10-CM
S01.552	Open bite of oral cavity	Diagnosis	ICD-10-CM
S01.552A	Open bite of oral cavity, initial encounter	Diagnosis	ICD-10-CM
S01.552D	Open bite of oral cavity, subsequent encounter	Diagnosis	ICD-10-CM
S01.552S	Open bite of oral cavity, sequela	Diagnosis	ICD-10-CM
S01.8	Open wound of other parts of head	Diagnosis	ICD-10-CM
S01.80	Unspecified open wound of other part of head	Diagnosis	ICD-10-CM
S01.80XA	Unspecified open wound of other part of head, initial encounter	Diagnosis	ICD-10-CM
S01.80XD	Unspecified open wound of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.80XS	Unspecified open wound of other part of head, sequela	Diagnosis	ICD-10-CM
S01.81	Laceration without foreign body of other part of head	Diagnosis	ICD-10-CM
S01.81XA	Laceration without foreign body of other part of head, initial encounter	Diagnosis	ICD-10-CM
S01.81XD	Laceration without foreign body of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.81XS	Laceration without foreign body of other part of head, sequela	Diagnosis	ICD-10-CM
S01.82	Laceration with foreign body of other part of head	Diagnosis	ICD-10-CM
S01.82XA	Laceration with foreign body of other part of head, initial encounter	Diagnosis	ICD-10-CM
S01.82XD	Laceration with foreign body of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.82XS	Laceration with foreign body of other part of head, sequela	Diagnosis	ICD-10-CM
S01.83	Puncture wound without foreign body of other part of head	Diagnosis	ICD-10-CM
S01.83XA	Puncture wound without foreign body of other part of head, initial encounter	Diagnosis	ICD-10-CM
S01.83XD	Puncture wound without foreign body of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.83XS	Puncture wound without foreign body of other part of head, sequela	Diagnosis	ICD-10-CM
S01.84	Puncture wound with foreign body of other part of head	Diagnosis	ICD-10-CM
S01.84XA	Puncture wound with foreign body of other part of head, initial encounter	Diagnosis	ICD-10-CM
S01.84XD	Puncture wound with foreign body of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.84XS	Puncture wound with foreign body of other part of head, sequela	Diagnosis	ICD-10-CM
S01.85	Open bite of other part of head	Diagnosis	ICD-10-CM
S01.85XA	Open bite of other part of head, initial encounter	Diagnosis	ICD-10-CM
S01.85XD	Open bite of other part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.85XS	Open bite of other part of head, sequela	Diagnosis	ICD-10-CM
S01.9	Open wound of unspecified part of head	Diagnosis	ICD-10-CM
S01.90	Unspecified open wound of unspecified part of head	Diagnosis	ICD-10-CM
S01.90XA	Unspecified open wound of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S01.90XD	Unspecified open wound of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.90XS	Unspecified open wound of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S01.91	Laceration without foreign body of unspecified part of head	Diagnosis	ICD-10-CM
S01.91XA	Laceration without foreign body of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S01.91XD	Laceration without foreign body of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.91XS	Laceration without foreign body of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S01.92	Laceration with foreign body of unspecified part of head	Diagnosis	ICD-10-CM
S01.92XA	Laceration with foreign body of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S01.92XD	Laceration with foreign body of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.92XS	Laceration with foreign body of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S01.93	Puncture wound without foreign body of unspecified part of head	Diagnosis	ICD-10-CM
S01.93XA	Puncture wound without foreign body of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S01.93XD	Puncture wound without foreign body of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.93XS	Puncture wound without foreign body of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S01.94	Puncture wound with foreign body of unspecified part of head	Diagnosis	ICD-10-CM
S01.94XA	Puncture wound with foreign body of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S01.94XD	Puncture wound with foreign body of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.94XS	Puncture wound with foreign body of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S01.95	Open bite of unspecified part of head	Diagnosis	ICD-10-CM
S01.95XA	Open bite of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S01.95XD	Open bite of unspecified part of head, subsequent encounter	Diagnosis	ICD-10-CM
S01.95XS	Open bite of unspecified part of head, sequela	Diagnosis	ICD-10-CM
S02	Fracture of skull and facial bones	Diagnosis	ICD-10-CM
S02.0	Fracture of vault of skull	Diagnosis	ICD-10-CM
S02.0XXA	Fracture of vault of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.0XXB	Fracture of vault of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.0XXD	Fracture of vault of skull, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.0XXG	Fracture of vault of skull, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.0XXK	Fracture of vault of skull, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.0XXS	Fracture of vault of skull, sequela	Diagnosis	ICD-10-CM
S02.1	Fracture of base of skull	Diagnosis	ICD-10-CM
S02.10	Unspecified fracture of base of skull	Diagnosis	ICD-10-CM
S02.101	Fracture of base of skull, right side	Diagnosis	ICD-10-CM
S02.101A	Fracture of base of skull, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.101B	Fracture of base of skull, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.101D	Fracture of base of skull, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.101G	Fracture of base of skull, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.101K	Fracture of base of skull, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.101S	Fracture of base of skull, right side, sequela	Diagnosis	ICD-10-CM
S02.102	Fracture of base of skull, left side	Diagnosis	ICD-10-CM
S02.102A	Fracture of base of skull, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.102B	Fracture of base of skull, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.102D	Fracture of base of skull, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.102G	Fracture of base of skull, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.102K	Fracture of base of skull, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.102S	Fracture of base of skull, left side, sequela	Diagnosis	ICD-10-CM
S02.109	Fracture of base of skull, unspecified side	Diagnosis	ICD-10-CM
S02.109A	Fracture of base of skull, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.109B	Fracture of base of skull, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.109D	Fracture of base of skull, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.109G	Fracture of base of skull, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.109K	Fracture of base of skull, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.109S	Fracture of base of skull, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.10XA	Unspecified fracture of base of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.10XB	Unspecified fracture of base of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.10XD	Unspecified fracture of base of skull, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.10XG	Unspecified fracture of base of skull, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.10XK	Unspecified fracture of base of skull, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.10XS	Unspecified fracture of base of skull, sequela	Diagnosis	ICD-10-CM
S02.11	Fracture of occiput	Diagnosis	ICD-10-CM
S02.110	Type I occipital condyle fracture, unspecified side	Diagnosis	ICD-10-CM
S02.110A	Type I occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.110B	Type I occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.110D	Type I occipital condyle fracture, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.110G	Type I occipital condyle fracture, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.110K	Type I occipital condyle fracture, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.110S	Type I occipital condyle fracture, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.111	Type II occipital condyle fracture, unspecified side	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.111A	Type II occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.111B	Type II occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.111D	Type II occipital condyle fracture, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.111G	Type II occipital condyle fracture, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.111K	Type II occipital condyle fracture, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.111S	Type II occipital condyle fracture, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.112	Type III occipital condyle fracture, unspecified side	Diagnosis	ICD-10-CM
S02.112A	Type III occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.112B	Type III occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.112D	Type III occipital condyle fracture, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.112G	Type III occipital condyle fracture, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.112K	Type III occipital condyle fracture, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.112S	Type III occipital condyle fracture, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.113	Unspecified occipital condyle fracture	Diagnosis	ICD-10-CM
S02.113A	Unspecified occipital condyle fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.113B	Unspecified occipital condyle fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.113D	Unspecified occipital condyle fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.113G	Unspecified occipital condyle fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.113K	Unspecified occipital condyle fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.113S	Unspecified occipital condyle fracture, sequela	Diagnosis	ICD-10-CM
S02.118	Other fracture of occiput, unspecified side	Diagnosis	ICD-10-CM
S02.118A	Other fracture of occiput, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.118B	Other fracture of occiput, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.118D	Other fracture of occiput, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.118G	Other fracture of occiput, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.118K	Other fracture of occiput, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.118S	Other fracture of occiput, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.119	Unspecified fracture of occiput	Diagnosis	ICD-10-CM
S02.119A	Unspecified fracture of occiput, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.119B	Unspecified fracture of occiput, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.119D	Unspecified fracture of occiput, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.119G	Unspecified fracture of occiput, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.119K	Unspecified fracture of occiput, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.119S	Unspecified fracture of occiput, sequela	Diagnosis	ICD-10-CM
S02.11A	Type I occipital condyle fracture, right side	Diagnosis	ICD-10-CM
S02.11AA	Type I occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11AB	Type I occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11AD	Type I occipital condyle fracture, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11AG	Type I occipital condyle fracture, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11AK	Type I occipital condyle fracture, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11AS	Type I occipital condyle fracture, right side, sequela	Diagnosis	ICD-10-CM
S02.11B	Type I occipital condyle fracture, left side	Diagnosis	ICD-10-CM
S02.11BA	Type I occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11BB	Type I occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11BD	Type I occipital condyle fracture, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11BG	Type I occipital condyle fracture, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11BK	Type I occipital condyle fracture, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11BS	Type I occipital condyle fracture, left side, sequela	Diagnosis	ICD-10-CM
S02.11C	Type II occipital condyle fracture, right side	Diagnosis	ICD-10-CM
S02.11CA	Type II occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11CB	Type II occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11CD	Type II occipital condyle fracture, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11CG	Type II occipital condyle fracture, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11CK	Type II occipital condyle fracture, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11CS	Type II occipital condyle fracture, right side, sequela	Diagnosis	ICD-10-CM
S02.11D	Type II occipital condyle fracture, left side	Diagnosis	ICD-10-CM
S02.11DA	Type II occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11DB	Type II occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11DD	Type II occipital condyle fracture, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11DG	Type II occipital condyle fracture, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.11DK	Type II occipital condyle fracture, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11DS	Type II occipital condyle fracture, left side, sequela	Diagnosis	ICD-10-CM
S02.11E	Type III occipital condyle fracture, right side	Diagnosis	ICD-10-CM
S02.11EA	Type III occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11EB	Type III occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11ED	Type III occipital condyle fracture, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11EG	Type III occipital condyle fracture, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11EK	Type III occipital condyle fracture, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11ES	Type III occipital condyle fracture, right side, sequela	Diagnosis	ICD-10-CM
S02.11F	Type III occipital condyle fracture, left side	Diagnosis	ICD-10-CM
S02.11FA	Type III occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11FB	Type III occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11FD	Type III occipital condyle fracture, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11FG	Type III occipital condyle fracture, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11FK	Type III occipital condyle fracture, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11FS	Type III occipital condyle fracture, left side, sequela	Diagnosis	ICD-10-CM
S02.11G	Other fracture of occiput, right side	Diagnosis	ICD-10-CM
S02.11GA	Other fracture of occiput, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11GB	Other fracture of occiput, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11GD	Other fracture of occiput, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11GG	Other fracture of occiput, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11GK	Other fracture of occiput, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11GS	Other fracture of occiput, right side, sequela	Diagnosis	ICD-10-CM
S02.11H	Other fracture of occiput, left side	Diagnosis	ICD-10-CM
S02.11HA	Other fracture of occiput, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11HB	Other fracture of occiput, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11HD	Other fracture of occiput, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.11HG	Other fracture of occiput, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.11HK	Other fracture of occiput, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.11HS	Other fracture of occiput, left side, sequela	Diagnosis	ICD-10-CM
S02.12	Fracture of orbital roof	Diagnosis	ICD-10-CM
S02.121	Fracture of orbital roof, right side	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.121A	Fracture of orbital roof, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.121B	Fracture of orbital roof, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.121D	Fracture of orbital roof, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.121G	Fracture of orbital roof, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.121K	Fracture of orbital roof, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.121S	Fracture of orbital roof, right side, sequela	Diagnosis	ICD-10-CM
S02.122	Fracture of orbital roof, left side	Diagnosis	ICD-10-CM
S02.122A	Fracture of orbital roof, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.122B	Fracture of orbital roof, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.122D	Fracture of orbital roof, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.122G	Fracture of orbital roof, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.122K	Fracture of orbital roof, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.122S	Fracture of orbital roof, left side, sequela	Diagnosis	ICD-10-CM
S02.129	Fracture of orbital roof, unspecified side	Diagnosis	ICD-10-CM
S02.129A	Fracture of orbital roof, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.129B	Fracture of orbital roof, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.129D	Fracture of orbital roof, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.129G	Fracture of orbital roof, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.129K	Fracture of orbital roof, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.129S	Fracture of orbital roof, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.19	Other fracture of base of skull	Diagnosis	ICD-10-CM
S02.19XA	Other fracture of base of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.19XB	Other fracture of base of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.19XD	Other fracture of base of skull, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.19XG	Other fracture of base of skull, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.19XK	Other fracture of base of skull, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.19XS	Other fracture of base of skull, sequela	Diagnosis	ICD-10-CM
S02.2	Fracture of nasal bones	Diagnosis	ICD-10-CM
S02.2XXA	Fracture of nasal bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.2XXB	Fracture of nasal bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.2XXD	Fracture of nasal bones, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.2XXG	Fracture of nasal bones, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.2XXK	Fracture of nasal bones, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.2XXS	Fracture of nasal bones, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.3	Fracture of orbital floor	Diagnosis	ICD-10-CM
S02.30	Fracture of orbital floor, unspecified side	Diagnosis	ICD-10-CM
S02.30XA	Fracture of orbital floor, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.30XB	Fracture of orbital floor, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.30XD	Fracture of orbital floor, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.30XG	Fracture of orbital floor, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.30XK	Fracture of orbital floor, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.30XS	Fracture of orbital floor, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.31	Fracture of orbital floor, right side	Diagnosis	ICD-10-CM
S02.31XA	Fracture of orbital floor, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.31XB	Fracture of orbital floor, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.31XD	Fracture of orbital floor, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.31XG	Fracture of orbital floor, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.31XK	Fracture of orbital floor, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.31XS	Fracture of orbital floor, right side, sequela	Diagnosis	ICD-10-CM
S02.32	Fracture of orbital floor, left side	Diagnosis	ICD-10-CM
S02.32XA	Fracture of orbital floor, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.32XB	Fracture of orbital floor, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.32XD	Fracture of orbital floor, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.32XG	Fracture of orbital floor, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.32XK	Fracture of orbital floor, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.32XS	Fracture of orbital floor, left side, sequela	Diagnosis	ICD-10-CM
S02.3XXA	Fracture of orbital floor, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.3XXB	Fracture of orbital floor, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.3XXD	Fracture of orbital floor, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.3XXG	Fracture of orbital floor, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.3XXK	Fracture of orbital floor, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.3XXS	Fracture of orbital floor, sequela	Diagnosis	ICD-10-CM
S02.4	Fracture of malar, maxillary and zygoma bones	Diagnosis	ICD-10-CM
S02.40	Fracture of malar, maxillary and zygoma bones, unspecified	Diagnosis	ICD-10-CM
S02.400	Malar fracture, unspecified side	Diagnosis	ICD-10-CM
S02.400A	Malar fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.400B	Malar fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.400D	Malar fracture, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.400G	Malar fracture, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.400K	Malar fracture, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.400S	Malar fracture, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.401	Maxillary fracture, unspecified side	Diagnosis	ICD-10-CM
S02.401A	Maxillary fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.401B	Maxillary fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.401D	Maxillary fracture, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.401G	Maxillary fracture, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.401K	Maxillary fracture, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.401S	Maxillary fracture, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.402	Zygomatic fracture, unspecified side	Diagnosis	ICD-10-CM
S02.402A	Zygomatic fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.402B	Zygomatic fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.402D	Zygomatic fracture, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.402G	Zygomatic fracture, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.402K	Zygomatic fracture, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.402S	Zygomatic fracture, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.40A	Malar fracture, right side	Diagnosis	ICD-10-CM
S02.40AA	Malar fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40AB	Malar fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40AD	Malar fracture, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.40AG	Malar fracture, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.40AK	Malar fracture, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.40AS	Malar fracture, right side, sequela	Diagnosis	ICD-10-CM
S02.40B	Malar fracture, left side	Diagnosis	ICD-10-CM
S02.40BA	Malar fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40BB	Malar fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40BD	Malar fracture, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.40BG	Malar fracture, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.40BK	Malar fracture, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.40BS	Malar fracture, left side, sequela	Diagnosis	ICD-10-CM
S02.40C	Maxillary fracture, right side	Diagnosis	ICD-10-CM
S02.40CA	Maxillary fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40CB	Maxillary fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40CD	Maxillary fracture, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.40CG	Maxillary fracture, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.40CK	Maxillary fracture, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.40CS	Maxillary fracture, right side, sequela	Diagnosis	ICD-10-CM
S02.40D	Maxillary fracture, left side	Diagnosis	ICD-10-CM
S02.40DA	Maxillary fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40DB	Maxillary fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40DD	Maxillary fracture, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.40DG	Maxillary fracture, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.40DK	Maxillary fracture, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.40DS	Maxillary fracture, left side, sequela	Diagnosis	ICD-10-CM
S02.40E	Zygomatic fracture, right side	Diagnosis	ICD-10-CM
S02.40EA	Zygomatic fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40EB	Zygomatic fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40ED	Zygomatic fracture, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.40EG	Zygomatic fracture, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.40EK	Zygomatic fracture, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.40ES	Zygomatic fracture, right side, sequela	Diagnosis	ICD-10-CM
S02.40F	Zygomatic fracture, left side	Diagnosis	ICD-10-CM
S02.40FA	Zygomatic fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40FB	Zygomatic fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40FD	Zygomatic fracture, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.40FG	Zygomatic fracture, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.40FK	Zygomatic fracture, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.40FS	Zygomatic fracture, left side, sequela	Diagnosis	ICD-10-CM
S02.41	LeFort fracture	Diagnosis	ICD-10-CM
S02.411	LeFort I fracture	Diagnosis	ICD-10-CM
S02.411A	LeFort I fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.411B	LeFort I fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.411D	LeFort I fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.411G	LeFort I fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.411K	LeFort I fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.411S	LeFort I fracture, sequela	Diagnosis	ICD-10-CM
S02.412	LeFort II fracture	Diagnosis	ICD-10-CM
S02.412A	LeFort II fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.412B	LeFort II fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.412D	LeFort II fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.412G	LeFort II fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.412K	LeFort II fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.412S	LeFort II fracture, sequela	Diagnosis	ICD-10-CM
S02.413	LeFort III fracture	Diagnosis	ICD-10-CM
S02.413A	LeFort III fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.413B	LeFort III fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.413D	LeFort III fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.413G	LeFort III fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.413K	LeFort III fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.413S	LeFort III fracture, sequela	Diagnosis	ICD-10-CM
S02.42	Fracture of alveolus of maxilla	Diagnosis	ICD-10-CM
S02.42XA	Fracture of alveolus of maxilla, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.42XB	Fracture of alveolus of maxilla, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.42XD	Fracture of alveolus of maxilla, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.42XG	Fracture of alveolus of maxilla, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.42XK	Fracture of alveolus of maxilla, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.42XS	Fracture of alveolus of maxilla, sequela	Diagnosis	ICD-10-CM
S02.5	Fracture of tooth (traumatic)	Diagnosis	ICD-10-CM
S02.5XXA	Fracture of tooth (traumatic), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.5XXB	Fracture of tooth (traumatic), initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.5XXD	Fracture of tooth (traumatic), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.5XXG	Fracture of tooth (traumatic), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.5XXK	Fracture of tooth (traumatic), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.5XXS	Fracture of tooth (traumatic), sequela	Diagnosis	ICD-10-CM
S02.6	Fracture of mandible	Diagnosis	ICD-10-CM
S02.60	Fracture of mandible, unspecified	Diagnosis	ICD-10-CM
S02.600	Fracture of unspecified part of body of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.600A	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.600B	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.600D	Fracture of unspecified part of body of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.600G	Fracture of unspecified part of body of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.600K	Fracture of unspecified part of body of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.600S	Fracture of unspecified part of body of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.601	Fracture of unspecified part of body of right mandible	Diagnosis	ICD-10-CM
S02.601A	Fracture of unspecified part of body of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.601B	Fracture of unspecified part of body of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.601D	Fracture of unspecified part of body of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.601G	Fracture of unspecified part of body of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.601K	Fracture of unspecified part of body of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.601S	Fracture of unspecified part of body of right mandible, sequela	Diagnosis	ICD-10-CM
S02.602	Fracture of unspecified part of body of left mandible	Diagnosis	ICD-10-CM
S02.602A	Fracture of unspecified part of body of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.602B	Fracture of unspecified part of body of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.602D	Fracture of unspecified part of body of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.602G	Fracture of unspecified part of body of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.602K	Fracture of unspecified part of body of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.602S	Fracture of unspecified part of body of left mandible, sequela	Diagnosis	ICD-10-CM
S02.609	Fracture of mandible, unspecified	Diagnosis	ICD-10-CM
S02.609A	Fracture of mandible, unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.609B	Fracture of mandible, unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.609D	Fracture of mandible, unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.609G	Fracture of mandible, unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.609K	Fracture of mandible, unspecified, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.609S	Fracture of mandible, unspecified, sequela	Diagnosis	ICD-10-CM
S02.61	Fracture of condylar process of mandible	Diagnosis	ICD-10-CM
S02.610	Fracture of condylar process of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.610A	Fracture of condylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.610B	Fracture of condylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.610D	Fracture of condylar process of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.610G	Fracture of condylar process of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.610K	Fracture of condylar process of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.610S	Fracture of condylar process of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.611	Fracture of condylar process of right mandible	Diagnosis	ICD-10-CM
S02.611A	Fracture of condylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.611B	Fracture of condylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.611D	Fracture of condylar process of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.611G	Fracture of condylar process of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.611K	Fracture of condylar process of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.611S	Fracture of condylar process of right mandible, sequela	Diagnosis	ICD-10-CM
S02.612	Fracture of condylar process of left mandible	Diagnosis	ICD-10-CM
S02.612A	Fracture of condylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.612B	Fracture of condylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.612D	Fracture of condylar process of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.612G	Fracture of condylar process of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.612K	Fracture of condylar process of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.612S	Fracture of condylar process of left mandible, sequela	Diagnosis	ICD-10-CM
S02.61XA	Fracture of condylar process of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.61XB	Fracture of condylar process of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.61XD	Fracture of condylar process of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.61XG	Fracture of condylar process of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.61XK	Fracture of condylar process of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.61XS	Fracture of condylar process of mandible, sequela	Diagnosis	ICD-10-CM
S02.62	Fracture of subcondylar process of mandible	Diagnosis	ICD-10-CM
S02.620	Fracture of subcondylar process of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.620A	Fracture of subcondylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.620B	Fracture of subcondylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.620D	Fracture of subcondylar process of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.620G	Fracture of subcondylar process of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.620K	Fracture of subcondylar process of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.620S	Fracture of subcondylar process of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.621	Fracture of subcondylar process of right mandible	Diagnosis	ICD-10-CM
S02.621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.621D	Fracture of subcondylar process of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.621G	Fracture of subcondylar process of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.621K	Fracture of subcondylar process of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.621S	Fracture of subcondylar process of right mandible, sequela	Diagnosis	ICD-10-CM
S02.622	Fracture of subcondylar process of left mandible	Diagnosis	ICD-10-CM
S02.622A	Fracture of subcondylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.622B	Fracture of subcondylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.622D	Fracture of subcondylar process of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.622G	Fracture of subcondylar process of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.622K	Fracture of subcondylar process of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.622S	Fracture of subcondylar process of left mandible, sequela	Diagnosis	ICD-10-CM
S02.62XA	Fracture of subcondylar process of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.62XB	Fracture of subcondylar process of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.62XD	Fracture of subcondylar process of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.62XG	Fracture of subcondylar process of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.62XK	Fracture of subcondylar process of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.62XS	Fracture of subcondylar process of mandible, sequela	Diagnosis	ICD-10-CM
S02.63	Fracture of coronoid process of mandible	Diagnosis	ICD-10-CM
S02.630	Fracture of coronoid process of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.630A	Fracture of coronoid process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.630B	Fracture of coronoid process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.630D	Fracture of coronoid process of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.630G	Fracture of coronoid process of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.630K	Fracture of coronoid process of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.630S	Fracture of coronoid process of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.631	Fracture of coronoid process of right mandible	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.631A	Fracture of coronoid process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.631B	Fracture of coronoid process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.631D	Fracture of coronoid process of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.631G	Fracture of coronoid process of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.631K	Fracture of coronoid process of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.631S	Fracture of coronoid process of right mandible, sequela	Diagnosis	ICD-10-CM
S02.632	Fracture of coronoid process of left mandible	Diagnosis	ICD-10-CM
S02.632A	Fracture of coronoid process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.632B	Fracture of coronoid process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.632D	Fracture of coronoid process of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.632G	Fracture of coronoid process of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.632K	Fracture of coronoid process of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.632S	Fracture of coronoid process of left mandible, sequela	Diagnosis	ICD-10-CM
S02.63XA	Fracture of coronoid process of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.63XB	Fracture of coronoid process of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.63XD	Fracture of coronoid process of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.63XG	Fracture of coronoid process of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.63XK	Fracture of coronoid process of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.63XS	Fracture of coronoid process of mandible, sequela	Diagnosis	ICD-10-CM
S02.64	Fracture of ramus of mandible	Diagnosis	ICD-10-CM
S02.640	Fracture of ramus of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.640A	Fracture of ramus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.640B	Fracture of ramus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.640D	Fracture of ramus of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.640G	Fracture of ramus of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.640K	Fracture of ramus of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.640S	Fracture of ramus of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.641	Fracture of ramus of right mandible	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.641A	Fracture of ramus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.641B	Fracture of ramus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.641D	Fracture of ramus of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.641G	Fracture of ramus of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.641K	Fracture of ramus of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.641S	Fracture of ramus of right mandible, sequela	Diagnosis	ICD-10-CM
S02.642	Fracture of ramus of left mandible	Diagnosis	ICD-10-CM
S02.642A	Fracture of ramus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.642B	Fracture of ramus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.642D	Fracture of ramus of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.642G	Fracture of ramus of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.642K	Fracture of ramus of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.642S	Fracture of ramus of left mandible, sequela	Diagnosis	ICD-10-CM
S02.64XA	Fracture of ramus of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.64XB	Fracture of ramus of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.64XD	Fracture of ramus of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.64XG	Fracture of ramus of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.64XK	Fracture of ramus of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.64XS	Fracture of ramus of mandible, sequela	Diagnosis	ICD-10-CM
S02.65	Fracture of angle of mandible	Diagnosis	ICD-10-CM
S02.650	Fracture of angle of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.650A	Fracture of angle of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.650B	Fracture of angle of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.650D	Fracture of angle of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.650G	Fracture of angle of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.650K	Fracture of angle of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.650S	Fracture of angle of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.651	Fracture of angle of right mandible	Diagnosis	ICD-10-CM
S02.651A	Fracture of angle of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.651B	Fracture of angle of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.651D	Fracture of angle of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.651G	Fracture of angle of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.651K	Fracture of angle of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.651S	Fracture of angle of right mandible, sequela	Diagnosis	ICD-10-CM
S02.652	Fracture of angle of left mandible	Diagnosis	ICD-10-CM
S02.652A	Fracture of angle of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.652B	Fracture of angle of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.652D	Fracture of angle of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.652G	Fracture of angle of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.652K	Fracture of angle of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.652S	Fracture of angle of left mandible, sequela	Diagnosis	ICD-10-CM
S02.65XA	Fracture of angle of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.65XB	Fracture of angle of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.65XD	Fracture of angle of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.65XG	Fracture of angle of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.65XK	Fracture of angle of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.65XS	Fracture of angle of mandible, sequela	Diagnosis	ICD-10-CM
S02.66	Fracture of symphysis of mandible	Diagnosis	ICD-10-CM
S02.66XA	Fracture of symphysis of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.66XB	Fracture of symphysis of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.66XD	Fracture of symphysis of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.66XG	Fracture of symphysis of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.66XK	Fracture of symphysis of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.66XS	Fracture of symphysis of mandible, sequela	Diagnosis	ICD-10-CM
S02.67	Fracture of alveolus of mandible	Diagnosis	ICD-10-CM
S02.670	Fracture of alveolus of mandible, unspecified side	Diagnosis	ICD-10-CM
S02.670A	Fracture of alveolus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.670B	Fracture of alveolus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.670D	Fracture of alveolus of mandible, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.670G	Fracture of alveolus of mandible, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.670K	Fracture of alveolus of mandible, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.670S	Fracture of alveolus of mandible, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.671	Fracture of alveolus of right mandible	Diagnosis	ICD-10-CM
S02.671A	Fracture of alveolus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.671B	Fracture of alveolus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.671D	Fracture of alveolus of right mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.671G	Fracture of alveolus of right mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.671K	Fracture of alveolus of right mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.671S	Fracture of alveolus of right mandible, sequela	Diagnosis	ICD-10-CM
S02.672	Fracture of alveolus of left mandible	Diagnosis	ICD-10-CM
S02.672A	Fracture of alveolus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.672B	Fracture of alveolus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.672D	Fracture of alveolus of left mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.672G	Fracture of alveolus of left mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.672K	Fracture of alveolus of left mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.672S	Fracture of alveolus of left mandible, sequela	Diagnosis	ICD-10-CM
S02.67XA	Fracture of alveolus of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.67XB	Fracture of alveolus of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.67XD	Fracture of alveolus of mandible, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.67XG	Fracture of alveolus of mandible, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.67XK	Fracture of alveolus of mandible, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.67XS	Fracture of alveolus of mandible, sequela	Diagnosis	ICD-10-CM
S02.69	Fracture of mandible of other specified site	Diagnosis	ICD-10-CM
S02.69XA	Fracture of mandible of other specified site, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.69XB	Fracture of mandible of other specified site, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.69XD	Fracture of mandible of other specified site, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.69XG	Fracture of mandible of other specified site, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.69XK	Fracture of mandible of other specified site, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.69XS	Fracture of mandible of other specified site, sequela	Diagnosis	ICD-10-CM
S02.8	Fractures of other specified skull and facial bones	Diagnosis	ICD-10-CM
S02.80	Fracture of other specified skull and facial bones, unspecified side	Diagnosis	ICD-10-CM
S02.80XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.80XD	Fracture of other specified skull and facial bones, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.80XG	Fracture of other specified skull and facial bones, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.80XK	Fracture of other specified skull and facial bones, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.80XS	Fracture of other specified skull and facial bones, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.81	Fracture of other specified skull and facial bones, right side	Diagnosis	ICD-10-CM
S02.81XA	Fracture of other specified skull and facial bones, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.81XB	Fracture of other specified skull and facial bones, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.81XD	Fracture of other specified skull and facial bones, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.81XG	Fracture of other specified skull and facial bones, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.81XK	Fracture of other specified skull and facial bones, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.81XS	Fracture of other specified skull and facial bones, right side, sequela	Diagnosis	ICD-10-CM
S02.82	Fracture of other specified skull and facial bones, left side	Diagnosis	ICD-10-CM
S02.82XA	Fracture of other specified skull and facial bones, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.82XB	Fracture of other specified skull and facial bones, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.82XD	Fracture of other specified skull and facial bones, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.82XG	Fracture of other specified skull and facial bones, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.82XK	Fracture of other specified skull and facial bones, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.82XS	Fracture of other specified skull and facial bones, left side, sequela	Diagnosis	ICD-10-CM
S02.83	Fracture of medial orbital wall	Diagnosis	ICD-10-CM
S02.831	Fracture of medial orbital wall, right side	Diagnosis	ICD-10-CM
S02.831A	Fracture of medial orbital wall, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.831B	Fracture of medial orbital wall, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.831D	Fracture of medial orbital wall, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.831G	Fracture of medial orbital wall, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.831K	Fracture of medial orbital wall, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.831S	Fracture of medial orbital wall, right side, sequela	Diagnosis	ICD-10-CM
S02.832	Fracture of medial orbital wall, left side	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.832A	Fracture of medial orbital wall, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.832B	Fracture of medial orbital wall, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.832D	Fracture of medial orbital wall, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.832G	Fracture of medial orbital wall, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.832K	Fracture of medial orbital wall, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.832S	Fracture of medial orbital wall, left side, sequela	Diagnosis	ICD-10-CM
S02.839	Fracture of medial orbital wall, unspecified side	Diagnosis	ICD-10-CM
S02.839A	Fracture of medial orbital wall, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.839B	Fracture of medial orbital wall, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.839D	Fracture of medial orbital wall, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.839G	Fracture of medial orbital wall, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.839K	Fracture of medial orbital wall, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.839S	Fracture of medial orbital wall, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.84	Fracture of lateral orbital wall	Diagnosis	ICD-10-CM
S02.841	Fracture of lateral orbital wall, right side	Diagnosis	ICD-10-CM
S02.841A	Fracture of lateral orbital wall, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.841B	Fracture of lateral orbital wall, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.841D	Fracture of lateral orbital wall, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.841G	Fracture of lateral orbital wall, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.841K	Fracture of lateral orbital wall, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.841S	Fracture of lateral orbital wall, right side, sequela	Diagnosis	ICD-10-CM
S02.842	Fracture of lateral orbital wall, left side	Diagnosis	ICD-10-CM
S02.842A	Fracture of lateral orbital wall, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.842B	Fracture of lateral orbital wall, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.842D	Fracture of lateral orbital wall, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.842G	Fracture of lateral orbital wall, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.842K	Fracture of lateral orbital wall, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.842S	Fracture of lateral orbital wall, left side, sequela	Diagnosis	ICD-10-CM
S02.849	Fracture of lateral orbital wall, unspecified side	Diagnosis	ICD-10-CM
S02.849A	Fracture of lateral orbital wall, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.849B	Fracture of lateral orbital wall, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.849D	Fracture of lateral orbital wall, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.849G	Fracture of lateral orbital wall, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.849K	Fracture of lateral orbital wall, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.849S	Fracture of lateral orbital wall, unspecified side, sequela	Diagnosis	ICD-10-CM
S02.85	Fracture of orbit, unspecified	Diagnosis	ICD-10-CM
S02.85XA	Fracture of orbit, unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.85XB	Fracture of orbit, unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.85XD	Fracture of orbit, unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.85XG	Fracture of orbit, unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.85XK	Fracture of orbit, unspecified, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.85XS	Fracture of orbit, unspecified, sequela	Diagnosis	ICD-10-CM
S02.8XXA	Fractures of other specified skull and facial bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.8XXB	Fractures of other specified skull and facial bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.8XXD	Fractures of other specified skull and facial bones, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.8XXG	Fractures of other specified skull and facial bones, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.8XXK	Fractures of other specified skull and facial bones, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.8XXS	Fractures of other specified skull and facial bones, sequela	Diagnosis	ICD-10-CM
S02.9	Fracture of unspecified skull and facial bones	Diagnosis	ICD-10-CM
S02.91	Unspecified fracture of skull	Diagnosis	ICD-10-CM
S02.91XA	Unspecified fracture of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.91XB	Unspecified fracture of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.91XD	Unspecified fracture of skull, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S02.91XG	Unspecified fracture of skull, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.91XK	Unspecified fracture of skull, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.91XS	Unspecified fracture of skull, sequela	Diagnosis	ICD-10-CM
S02.92	Unspecified fracture of facial bones	Diagnosis	ICD-10-CM
S02.92XA	Unspecified fracture of facial bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.92XB	Unspecified fracture of facial bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.92XD	Unspecified fracture of facial bones, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S02.92XG	Unspecified fracture of facial bones, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S02.92XK	Unspecified fracture of facial bones, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S02.92XS	Unspecified fracture of facial bones, sequela	Diagnosis	ICD-10-CM
S03	Dislocation and sprain of joints and ligaments of head	Diagnosis	ICD-10-CM
S03.0	Dislocation of jaw	Diagnosis	ICD-10-CM
S03.00	Dislocation of jaw, unspecified side	Diagnosis	ICD-10-CM
S03.00XA	Dislocation of jaw, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S03.00XD	Dislocation of jaw, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S03.00XS	Dislocation of jaw, unspecified side, sequela	Diagnosis	ICD-10-CM
S03.01	Dislocation of jaw, right side	Diagnosis	ICD-10-CM
S03.01XA	Dislocation of jaw, right side, initial encounter	Diagnosis	ICD-10-CM
S03.01XD	Dislocation of jaw, right side, subsequent encounter	Diagnosis	ICD-10-CM
S03.01XS	Dislocation of jaw, right side, sequela	Diagnosis	ICD-10-CM
S03.02	Dislocation of jaw, left side	Diagnosis	ICD-10-CM
S03.02XA	Dislocation of jaw, left side, initial encounter	Diagnosis	ICD-10-CM
S03.02XD	Dislocation of jaw, left side, subsequent encounter	Diagnosis	ICD-10-CM
S03.02XS	Dislocation of jaw, left side, sequela	Diagnosis	ICD-10-CM
S03.03	Dislocation of jaw, bilateral	Diagnosis	ICD-10-CM
S03.03XA	Dislocation of jaw, bilateral, initial encounter	Diagnosis	ICD-10-CM
S03.03XD	Dislocation of jaw, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S03.03XS	Dislocation of jaw, bilateral, sequela	Diagnosis	ICD-10-CM
S03.0XXA	Dislocation of jaw, initial encounter	Diagnosis	ICD-10-CM
S03.0XXD	Dislocation of jaw, subsequent encounter	Diagnosis	ICD-10-CM
S03.0XXS	Dislocation of jaw, sequela	Diagnosis	ICD-10-CM
S03.1	Dislocation of septal cartilage of nose	Diagnosis	ICD-10-CM
S03.1XXA	Dislocation of septal cartilage of nose, initial encounter	Diagnosis	ICD-10-CM
S03.1XXD	Dislocation of septal cartilage of nose, subsequent encounter	Diagnosis	ICD-10-CM
S03.1XXS	Dislocation of septal cartilage of nose, sequela	Diagnosis	ICD-10-CM
S03.2	Dislocation of tooth	Diagnosis	ICD-10-CM
S03.2XXA	Dislocation of tooth, initial encounter	Diagnosis	ICD-10-CM
S03.2XXD	Dislocation of tooth, subsequent encounter	Diagnosis	ICD-10-CM
S03.2XXS	Dislocation of tooth, sequela	Diagnosis	ICD-10-CM
S03.4	Sprain of jaw	Diagnosis	ICD-10-CM
S03.40	Sprain of jaw, unspecified side	Diagnosis	ICD-10-CM
S03.40XA	Sprain of jaw, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S03.40XD	Sprain of jaw, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S03.40XS	Sprain of jaw, unspecified side, sequela	Diagnosis	ICD-10-CM
S03.41	Sprain of jaw, right side	Diagnosis	ICD-10-CM
S03.41XA	Sprain of jaw, right side, initial encounter	Diagnosis	ICD-10-CM
S03.41XD	Sprain of jaw, right side, subsequent encounter	Diagnosis	ICD-10-CM
S03.41XS	Sprain of jaw, right side, sequela	Diagnosis	ICD-10-CM
S03.42	Sprain of jaw, left side	Diagnosis	ICD-10-CM
S03.42XA	Sprain of jaw, left side, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S03.42XD	Sprain of jaw, left side, subsequent encounter	Diagnosis	ICD-10-CM
S03.42XS	Sprain of jaw, left side, sequela	Diagnosis	ICD-10-CM
S03.43	Sprain of jaw, bilateral	Diagnosis	ICD-10-CM
S03.43XA	Sprain of jaw, bilateral, initial encounter	Diagnosis	ICD-10-CM
S03.43XD	Sprain of jaw, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S03.43XS	Sprain of jaw, bilateral, sequela	Diagnosis	ICD-10-CM
S03.4XXA	Sprain of jaw, initial encounter	Diagnosis	ICD-10-CM
S03.4XXD	Sprain of jaw, subsequent encounter	Diagnosis	ICD-10-CM
S03.4XXS	Sprain of jaw, sequela	Diagnosis	ICD-10-CM
S03.8	Sprain of joints and ligaments of other parts of head	Diagnosis	ICD-10-CM
S03.8XXA	Sprain of joints and ligaments of other parts of head, initial encounter	Diagnosis	ICD-10-CM
S03.8XXD	Sprain of joints and ligaments of other parts of head, subsequent encounter	Diagnosis	ICD-10-CM
S03.8XXS	Sprain of joints and ligaments of other parts of head, sequela	Diagnosis	ICD-10-CM
S03.9	Sprain of joints and ligaments of unspecified parts of head	Diagnosis	ICD-10-CM
S03.9XXA	Sprain of joints and ligaments of unspecified parts of head, initial encounter	Diagnosis	ICD-10-CM
S03.9XXD	Sprain of joints and ligaments of unspecified parts of head, subsequent encounter	Diagnosis	ICD-10-CM
S03.9XXS	Sprain of joints and ligaments of unspecified parts of head, sequela	Diagnosis	ICD-10-CM
S04	Injury of cranial nerve	Diagnosis	ICD-10-CM
S04.0	Injury of optic nerve and pathways	Diagnosis	ICD-10-CM
S04.01	Injury of optic nerve	Diagnosis	ICD-10-CM
S04.011	Injury of optic nerve, right eye	Diagnosis	ICD-10-CM
S04.011A	Injury of optic nerve, right eye, initial encounter	Diagnosis	ICD-10-CM
S04.011D	Injury of optic nerve, right eye, subsequent encounter	Diagnosis	ICD-10-CM
S04.011S	Injury of optic nerve, right eye, sequela	Diagnosis	ICD-10-CM
S04.012	Injury of optic nerve, left eye	Diagnosis	ICD-10-CM
S04.012A	Injury of optic nerve, left eye, initial encounter	Diagnosis	ICD-10-CM
S04.012D	Injury of optic nerve, left eye, subsequent encounter	Diagnosis	ICD-10-CM
S04.012S	Injury of optic nerve, left eye, sequela	Diagnosis	ICD-10-CM
S04.019	Injury of optic nerve, unspecified eye	Diagnosis	ICD-10-CM
S04.019A	Injury of optic nerve, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S04.019D	Injury of optic nerve, unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S04.019S	Injury of optic nerve, unspecified eye, sequela	Diagnosis	ICD-10-CM
S04.02	Injury of optic chiasm	Diagnosis	ICD-10-CM
S04.02XA	Injury of optic chiasm, initial encounter	Diagnosis	ICD-10-CM
S04.02XD	Injury of optic chiasm, subsequent encounter	Diagnosis	ICD-10-CM
S04.02XS	Injury of optic chiasm, sequela	Diagnosis	ICD-10-CM
S04.03	Injury of optic tract and pathways	Diagnosis	ICD-10-CM
S04.031	Injury of optic tract and pathways, right side	Diagnosis	ICD-10-CM
S04.031A	Injury of optic tract and pathways, right side, initial encounter	Diagnosis	ICD-10-CM
S04.031D	Injury of optic tract and pathways, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.031S	Injury of optic tract and pathways, right side, sequela	Diagnosis	ICD-10-CM
S04.032	Injury of optic tract and pathways, left side	Diagnosis	ICD-10-CM
S04.032A	Injury of optic tract and pathways, left side, initial encounter	Diagnosis	ICD-10-CM
S04.032D	Injury of optic tract and pathways, left side, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S04.032S	Injury of optic tract and pathways, left side, sequela	Diagnosis	ICD-10-CM
S04.039	Injury of optic tract and pathways, unspecified side	Diagnosis	ICD-10-CM
S04.039A	Injury of optic tract and pathways, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.039D	Injury of optic tract and pathways, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.039S	Injury of optic tract and pathways, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.04	Injury of visual cortex	Diagnosis	ICD-10-CM
S04.041	Injury of visual cortex, right side	Diagnosis	ICD-10-CM
S04.041A	Injury of visual cortex, right side, initial encounter	Diagnosis	ICD-10-CM
S04.041D	Injury of visual cortex, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.041S	Injury of visual cortex, right side, sequela	Diagnosis	ICD-10-CM
S04.042	Injury of visual cortex, left side	Diagnosis	ICD-10-CM
S04.042A	Injury of visual cortex, left side, initial encounter	Diagnosis	ICD-10-CM
S04.042D	Injury of visual cortex, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.042S	Injury of visual cortex, left side, sequela	Diagnosis	ICD-10-CM
S04.049	Injury of visual cortex, unspecified side	Diagnosis	ICD-10-CM
S04.049A	Injury of visual cortex, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.049D	Injury of visual cortex, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.049S	Injury of visual cortex, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.1	Injury of oculomotor nerve	Diagnosis	ICD-10-CM
S04.10	Injury of oculomotor nerve, unspecified side	Diagnosis	ICD-10-CM
S04.10XA	Injury of oculomotor nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.10XD	Injury of oculomotor nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.10XS	Injury of oculomotor nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.11	Injury of oculomotor nerve, right side	Diagnosis	ICD-10-CM
S04.11XA	Injury of oculomotor nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.11XD	Injury of oculomotor nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.11XS	Injury of oculomotor nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.12	Injury of oculomotor nerve, left side	Diagnosis	ICD-10-CM
S04.12XA	Injury of oculomotor nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.12XD	Injury of oculomotor nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.12XS	Injury of oculomotor nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.2	Injury of trochlear nerve	Diagnosis	ICD-10-CM
S04.20	Injury of trochlear nerve, unspecified side	Diagnosis	ICD-10-CM
S04.20XA	Injury of trochlear nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.20XD	Injury of trochlear nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.20XS	Injury of trochlear nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.21	Injury of trochlear nerve, right side	Diagnosis	ICD-10-CM
S04.21XA	Injury of trochlear nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.21XD	Injury of trochlear nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.21XS	Injury of trochlear nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.22	Injury of trochlear nerve, left side	Diagnosis	ICD-10-CM
S04.22XA	Injury of trochlear nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.22XD	Injury of trochlear nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.22XS	Injury of trochlear nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.3	Injury of trigeminal nerve	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S04.30	Injury of trigeminal nerve, unspecified side	Diagnosis	ICD-10-CM
S04.30XA	Injury of trigeminal nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.30XD	Injury of trigeminal nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.30XS	Injury of trigeminal nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.31	Injury of trigeminal nerve, right side	Diagnosis	ICD-10-CM
S04.31XA	Injury of trigeminal nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.31XD	Injury of trigeminal nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.31XS	Injury of trigeminal nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.32	Injury of trigeminal nerve, left side	Diagnosis	ICD-10-CM
S04.32XA	Injury of trigeminal nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.32XD	Injury of trigeminal nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.32XS	Injury of trigeminal nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.4	Injury of abducent nerve	Diagnosis	ICD-10-CM
S04.40	Injury of abducent nerve, unspecified side	Diagnosis	ICD-10-CM
S04.40XA	Injury of abducent nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.40XD	Injury of abducent nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.40XS	Injury of abducent nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.41	Injury of abducent nerve, right side	Diagnosis	ICD-10-CM
S04.41XA	Injury of abducent nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.41XD	Injury of abducent nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.41XS	Injury of abducent nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.42	Injury of abducent nerve, left side	Diagnosis	ICD-10-CM
S04.42XA	Injury of abducent nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.42XD	Injury of abducent nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.42XS	Injury of abducent nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.5	Injury of facial nerve	Diagnosis	ICD-10-CM
S04.50	Injury of facial nerve, unspecified side	Diagnosis	ICD-10-CM
S04.50XA	Injury of facial nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.50XD	Injury of facial nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.50XS	Injury of facial nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.51	Injury of facial nerve, right side	Diagnosis	ICD-10-CM
S04.51XA	Injury of facial nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.51XD	Injury of facial nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.51XS	Injury of facial nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.52	Injury of facial nerve, left side	Diagnosis	ICD-10-CM
S04.52XA	Injury of facial nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.52XD	Injury of facial nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.52XS	Injury of facial nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.6	Injury of acoustic nerve	Diagnosis	ICD-10-CM
S04.60	Injury of acoustic nerve, unspecified side	Diagnosis	ICD-10-CM
S04.60XA	Injury of acoustic nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.60XD	Injury of acoustic nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.60XS	Injury of acoustic nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.61	Injury of acoustic nerve, right side	Diagnosis	ICD-10-CM
S04.61XA	Injury of acoustic nerve, right side, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S04.61XD	Injury of acoustic nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.61XS	Injury of acoustic nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.62	Injury of acoustic nerve, left side	Diagnosis	ICD-10-CM
S04.62XA	Injury of acoustic nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.62XD	Injury of acoustic nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.62XS	Injury of acoustic nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.7	Injury of accessory nerve	Diagnosis	ICD-10-CM
S04.70	Injury of accessory nerve, unspecified side	Diagnosis	ICD-10-CM
S04.70XA	Injury of accessory nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.70XD	Injury of accessory nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.70XS	Injury of accessory nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.71	Injury of accessory nerve, right side	Diagnosis	ICD-10-CM
S04.71XA	Injury of accessory nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.71XD	Injury of accessory nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.71XS	Injury of accessory nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.72	Injury of accessory nerve, left side	Diagnosis	ICD-10-CM
S04.72XA	Injury of accessory nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.72XD	Injury of accessory nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.72XS	Injury of accessory nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.8	Injury of other cranial nerves	Diagnosis	ICD-10-CM
S04.81	Injury of olfactory [1st] nerve	Diagnosis	ICD-10-CM
S04.811	Injury of olfactory [1st] nerve, right side	Diagnosis	ICD-10-CM
S04.811A	Injury of olfactory [1st] nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.811D	Injury of olfactory [1st] nerve, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.811S	Injury of olfactory [1st] nerve, right side, sequela	Diagnosis	ICD-10-CM
S04.812	Injury of olfactory [1st] nerve, left side	Diagnosis	ICD-10-CM
S04.812A	Injury of olfactory [1st] nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.812D	Injury of olfactory [1st] nerve, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.812S	Injury of olfactory [1st] nerve, left side, sequela	Diagnosis	ICD-10-CM
S04.819	Injury of olfactory [1st] nerve, unspecified side	Diagnosis	ICD-10-CM
S04.819A	Injury of olfactory [1st] nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.819D	Injury of olfactory [1st] nerve, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S04.819S	Injury of olfactory [1st] nerve, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.89	Injury of other cranial nerves	Diagnosis	ICD-10-CM
S04.891	Injury of other cranial nerves, right side	Diagnosis	ICD-10-CM
S04.891A	Injury of other cranial nerves, right side, initial encounter	Diagnosis	ICD-10-CM
S04.891D	Injury of other cranial nerves, right side, subsequent encounter	Diagnosis	ICD-10-CM
S04.891S	Injury of other cranial nerves, right side, sequela	Diagnosis	ICD-10-CM
S04.892	Injury of other cranial nerves, left side	Diagnosis	ICD-10-CM
S04.892A	Injury of other cranial nerves, left side, initial encounter	Diagnosis	ICD-10-CM
S04.892D	Injury of other cranial nerves, left side, subsequent encounter	Diagnosis	ICD-10-CM
S04.892S	Injury of other cranial nerves, left side, sequela	Diagnosis	ICD-10-CM
S04.899	Injury of other cranial nerves, unspecified side	Diagnosis	ICD-10-CM
S04.899A	Injury of other cranial nerves, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.899D	Injury of other cranial nerves, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S04.899S	Injury of other cranial nerves, unspecified side, sequela	Diagnosis	ICD-10-CM
S04.9	Injury of unspecified cranial nerve	Diagnosis	ICD-10-CM
S04.9XXA	Injury of unspecified cranial nerve, initial encounter	Diagnosis	ICD-10-CM
S04.9XXD	Injury of unspecified cranial nerve, subsequent encounter	Diagnosis	ICD-10-CM
S04.9XXS	Injury of unspecified cranial nerve, sequela	Diagnosis	ICD-10-CM
S05	Injury of eye and orbit	Diagnosis	ICD-10-CM
S05.0	Injury of conjunctiva and corneal abrasion without foreign body	Diagnosis	ICD-10-CM
S05.00	Injury of conjunctiva and corneal abrasion without foreign body, unspecified eye	Diagnosis	ICD-10-CM
S05.00XA	Injury of conjunctiva and corneal abrasion without foreign body, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S05.00XD	Injury of conjunctiva and corneal abrasion without foreign body, unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.00XS	Injury of conjunctiva and corneal abrasion without foreign body, unspecified eye, sequela	Diagnosis	ICD-10-CM
S05.01	Injury of conjunctiva and corneal abrasion without foreign body, right eye	Diagnosis	ICD-10-CM
S05.01XA	Injury of conjunctiva and corneal abrasion without foreign body, right eye, initial encounter	Diagnosis	ICD-10-CM
S05.01XD	Injury of conjunctiva and corneal abrasion without foreign body, right eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.01XS	Injury of conjunctiva and corneal abrasion without foreign body, right eye, sequela	Diagnosis	ICD-10-CM
S05.02	Injury of conjunctiva and corneal abrasion without foreign body, left eye	Diagnosis	ICD-10-CM
S05.02XA	Injury of conjunctiva and corneal abrasion without foreign body, left eye, initial encounter	Diagnosis	ICD-10-CM
S05.02XD	Injury of conjunctiva and corneal abrasion without foreign body, left eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.02XS	Injury of conjunctiva and corneal abrasion without foreign body, left eye, sequela	Diagnosis	ICD-10-CM
S05.1	Contusion of eyeball and orbital tissues	Diagnosis	ICD-10-CM
S05.10	Contusion of eyeball and orbital tissues, unspecified eye	Diagnosis	ICD-10-CM
S05.10XA	Contusion of eyeball and orbital tissues, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S05.10XD	Contusion of eyeball and orbital tissues, unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.10XS	Contusion of eyeball and orbital tissues, unspecified eye, sequela	Diagnosis	ICD-10-CM
S05.11	Contusion of eyeball and orbital tissues, right eye	Diagnosis	ICD-10-CM
S05.11XA	Contusion of eyeball and orbital tissues, right eye, initial encounter	Diagnosis	ICD-10-CM
S05.11XD	Contusion of eyeball and orbital tissues, right eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.11XS	Contusion of eyeball and orbital tissues, right eye, sequela	Diagnosis	ICD-10-CM
S05.12	Contusion of eyeball and orbital tissues, left eye	Diagnosis	ICD-10-CM
S05.12XA	Contusion of eyeball and orbital tissues, left eye, initial encounter	Diagnosis	ICD-10-CM
S05.12XD	Contusion of eyeball and orbital tissues, left eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.12XS	Contusion of eyeball and orbital tissues, left eye, sequela	Diagnosis	ICD-10-CM
S05.2	Ocular laceration and rupture with prolapse or loss of intraocular tissue	Diagnosis	ICD-10-CM
S05.20	Ocular laceration and rupture with prolapse or loss of intraocular tissue, unspecified eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S05.20XA	Ocular laceration and rupture with prolapse or loss of intraocular tissue, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S05.20XD	Ocular laceration and rupture with prolapse or loss of intraocular tissue, unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.20XS	Ocular laceration and rupture with prolapse or loss of intraocular tissue, unspecified eye, sequela	Diagnosis	ICD-10-CM
S05.21	Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye	Diagnosis	ICD-10-CM
S05.21XA	Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye, initial encounter	Diagnosis	ICD-10-CM
S05.21XD	Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.21XS	Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye, sequela	Diagnosis	ICD-10-CM
S05.22	Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye	Diagnosis	ICD-10-CM
S05.22XA	Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye, initial encounter	Diagnosis	ICD-10-CM
S05.22XD	Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.22XS	Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye, sequela	Diagnosis	ICD-10-CM
S05.3	Ocular laceration without prolapse or loss of intraocular tissue	Diagnosis	ICD-10-CM
S05.30	Ocular laceration without prolapse or loss of intraocular tissue, unspecified eye	Diagnosis	ICD-10-CM
S05.30XA	Ocular laceration without prolapse or loss of intraocular tissue, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S05.30XD	Ocular laceration without prolapse or loss of intraocular tissue, unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.30XS	Ocular laceration without prolapse or loss of intraocular tissue, unspecified eye, sequela	Diagnosis	ICD-10-CM
S05.31	Ocular laceration without prolapse or loss of intraocular tissue, right eye	Diagnosis	ICD-10-CM
S05.31XA	Ocular laceration without prolapse or loss of intraocular tissue, right eye, initial encounter	Diagnosis	ICD-10-CM
S05.31XD	Ocular laceration without prolapse or loss of intraocular tissue, right eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.31XS	Ocular laceration without prolapse or loss of intraocular tissue, right eye, sequela	Diagnosis	ICD-10-CM
S05.32	Ocular laceration without prolapse or loss of intraocular tissue, left eye	Diagnosis	ICD-10-CM
S05.32XA	Ocular laceration without prolapse or loss of intraocular tissue, left eye, initial encounter	Diagnosis	ICD-10-CM
S05.32XD	Ocular laceration without prolapse or loss of intraocular tissue, left eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.32XS	Ocular laceration without prolapse or loss of intraocular tissue, left eye, sequela	Diagnosis	ICD-10-CM
S05.4	Penetrating wound of orbit with or without foreign body	Diagnosis	ICD-10-CM
S05.40	Penetrating wound of orbit with or without foreign body, unspecified eye	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S05.40XA	Penetrating wound of orbit with or without foreign body, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S05.40XD	Penetrating wound of orbit with or without foreign body, unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.40XS	Penetrating wound of orbit with or without foreign body, unspecified eye, sequela	Diagnosis	ICD-10-CM
S05.41	Penetrating wound of orbit with or without foreign body, right eye	Diagnosis	ICD-10-CM
S05.41XA	Penetrating wound of orbit with or without foreign body, right eye, initial encounter	Diagnosis	ICD-10-CM
S05.41XD	Penetrating wound of orbit with or without foreign body, right eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.41XS	Penetrating wound of orbit with or without foreign body, right eye, sequela	Diagnosis	ICD-10-CM
S05.42	Penetrating wound of orbit with or without foreign body, left eye	Diagnosis	ICD-10-CM
S05.42XA	Penetrating wound of orbit with or without foreign body, left eye, initial encounter	Diagnosis	ICD-10-CM
S05.42XD	Penetrating wound of orbit with or without foreign body, left eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.42XS	Penetrating wound of orbit with or without foreign body, left eye, sequela	Diagnosis	ICD-10-CM
S05.5	Penetrating wound with foreign body of eyeball	Diagnosis	ICD-10-CM
S05.50	Penetrating wound with foreign body of unspecified eyeball	Diagnosis	ICD-10-CM
S05.50XA	Penetrating wound with foreign body of unspecified eyeball, initial encounter	Diagnosis	ICD-10-CM
S05.50XD	Penetrating wound with foreign body of unspecified eyeball, subsequent encounter	Diagnosis	ICD-10-CM
S05.50XS	Penetrating wound with foreign body of unspecified eyeball, sequela	Diagnosis	ICD-10-CM
S05.51	Penetrating wound with foreign body of right eyeball	Diagnosis	ICD-10-CM
S05.51XA	Penetrating wound with foreign body of right eyeball, initial encounter	Diagnosis	ICD-10-CM
S05.51XD	Penetrating wound with foreign body of right eyeball, subsequent encounter	Diagnosis	ICD-10-CM
S05.51XS	Penetrating wound with foreign body of right eyeball, sequela	Diagnosis	ICD-10-CM
S05.52	Penetrating wound with foreign body of left eyeball	Diagnosis	ICD-10-CM
S05.52XA	Penetrating wound with foreign body of left eyeball, initial encounter	Diagnosis	ICD-10-CM
S05.52XD	Penetrating wound with foreign body of left eyeball, subsequent encounter	Diagnosis	ICD-10-CM
S05.52XS	Penetrating wound with foreign body of left eyeball, sequela	Diagnosis	ICD-10-CM
S05.6	Penetrating wound without foreign body of eyeball	Diagnosis	ICD-10-CM
S05.60	Penetrating wound without foreign body of unspecified eyeball	Diagnosis	ICD-10-CM
S05.60XA	Penetrating wound without foreign body of unspecified eyeball, initial encounter	Diagnosis	ICD-10-CM
S05.60XD	Penetrating wound without foreign body of unspecified eyeball, subsequent encounter	Diagnosis	ICD-10-CM
S05.60XS	Penetrating wound without foreign body of unspecified eyeball, sequela	Diagnosis	ICD-10-CM
S05.61	Penetrating wound without foreign body of right eyeball	Diagnosis	ICD-10-CM
S05.61XA	Penetrating wound without foreign body of right eyeball, initial encounter	Diagnosis	ICD-10-CM
S05.61XD	Penetrating wound without foreign body of right eyeball, subsequent encounter	Diagnosis	ICD-10-CM
S05.61XS	Penetrating wound without foreign body of right eyeball, sequela	Diagnosis	ICD-10-CM
S05.62	Penetrating wound without foreign body of left eyeball	Diagnosis	ICD-10-CM
S05.62XA	Penetrating wound without foreign body of left eyeball, initial encounter	Diagnosis	ICD-10-CM
S05.62XD	Penetrating wound without foreign body of left eyeball, subsequent encounter	Diagnosis	ICD-10-CM
S05.62XS	Penetrating wound without foreign body of left eyeball, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S05.7	Avulsion of eye	Diagnosis	ICD-10-CM
S05.70	Avulsion of unspecified eye	Diagnosis	ICD-10-CM
S05.70XA	Avulsion of unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S05.70XD	Avulsion of unspecified eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.70XS	Avulsion of unspecified eye, sequela	Diagnosis	ICD-10-CM
S05.71	Avulsion of right eye	Diagnosis	ICD-10-CM
S05.71XA	Avulsion of right eye, initial encounter	Diagnosis	ICD-10-CM
S05.71XD	Avulsion of right eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.71XS	Avulsion of right eye, sequela	Diagnosis	ICD-10-CM
S05.72	Avulsion of left eye	Diagnosis	ICD-10-CM
S05.72XA	Avulsion of left eye, initial encounter	Diagnosis	ICD-10-CM
S05.72XD	Avulsion of left eye, subsequent encounter	Diagnosis	ICD-10-CM
S05.72XS	Avulsion of left eye, sequela	Diagnosis	ICD-10-CM
S05.8	Other injuries of eye and orbit	Diagnosis	ICD-10-CM
S05.8X	Other injuries of eye and orbit	Diagnosis	ICD-10-CM
S05.8X1	Other injuries of right eye and orbit	Diagnosis	ICD-10-CM
S05.8X1A	Other injuries of right eye and orbit, initial encounter	Diagnosis	ICD-10-CM
S05.8X1D	Other injuries of right eye and orbit, subsequent encounter	Diagnosis	ICD-10-CM
S05.8X1S	Other injuries of right eye and orbit, sequela	Diagnosis	ICD-10-CM
S05.8X2	Other injuries of left eye and orbit	Diagnosis	ICD-10-CM
S05.8X2A	Other injuries of left eye and orbit, initial encounter	Diagnosis	ICD-10-CM
S05.8X2D	Other injuries of left eye and orbit, subsequent encounter	Diagnosis	ICD-10-CM
S05.8X2S	Other injuries of left eye and orbit, sequela	Diagnosis	ICD-10-CM
S05.8X9	Other injuries of unspecified eye and orbit	Diagnosis	ICD-10-CM
S05.8X9A	Other injuries of unspecified eye and orbit, initial encounter	Diagnosis	ICD-10-CM
S05.8X9D	Other injuries of unspecified eye and orbit, subsequent encounter	Diagnosis	ICD-10-CM
S05.8X9S	Other injuries of unspecified eye and orbit, sequela	Diagnosis	ICD-10-CM
S05.9	Unspecified injury of eye and orbit	Diagnosis	ICD-10-CM
S05.90	Unspecified injury of unspecified eye and orbit	Diagnosis	ICD-10-CM
S05.90XA	Unspecified injury of unspecified eye and orbit, initial encounter	Diagnosis	ICD-10-CM
S05.90XD	Unspecified injury of unspecified eye and orbit, subsequent encounter	Diagnosis	ICD-10-CM
S05.90XS	Unspecified injury of unspecified eye and orbit, sequela	Diagnosis	ICD-10-CM
S05.91	Unspecified injury of right eye and orbit	Diagnosis	ICD-10-CM
S05.91XA	Unspecified injury of right eye and orbit, initial encounter	Diagnosis	ICD-10-CM
S05.91XD	Unspecified injury of right eye and orbit, subsequent encounter	Diagnosis	ICD-10-CM
S05.91XS	Unspecified injury of right eye and orbit, sequela	Diagnosis	ICD-10-CM
S05.92	Unspecified injury of left eye and orbit	Diagnosis	ICD-10-CM
S05.92XA	Unspecified injury of left eye and orbit, initial encounter	Diagnosis	ICD-10-CM
S05.92XD	Unspecified injury of left eye and orbit, subsequent encounter	Diagnosis	ICD-10-CM
S05.92XS	Unspecified injury of left eye and orbit, sequela	Diagnosis	ICD-10-CM
S06	Intracranial injury	Diagnosis	ICD-10-CM
S06.0	Concussion	Diagnosis	ICD-10-CM
S06.0X	Concussion	Diagnosis	ICD-10-CM
S06.0X0	Concussion without loss of consciousness	Diagnosis	ICD-10-CM
S06.0X0A	Concussion without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.0X0D	Concussion without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X0S	Concussion without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.0X1	Concussion with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.0X1A	Concussion with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.0X1D	Concussion with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X1S	Concussion with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.0X2	Concussion with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.0X2A	Concussion with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.0X2D	Concussion with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X2S	Concussion with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.0X3	Concussion with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.0X3A	Concussion with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.0X3D	Concussion with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X3S	Concussion with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.0X4	Concussion with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.0X4A	Concussion with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.0X4D	Concussion with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X4S	Concussion with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.0X5	Concussion with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.0X5A	Concussion with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.0X5D	Concussion with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X5S	Concussion with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.0X6	Concussion with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.0X6A	Concussion with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.0X6D	Concussion with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X6S	Concussion with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.0X7	Concussion with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.0X7A	Concussion with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.0X7D	Concussion with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X7S	Concussion with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.0X8	Concussion with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.0X8A	Concussion with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.0X8D	Concussion with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X8S	Concussion with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.0X9	Concussion with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.0X9A	Concussion with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.0X9D	Concussion with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.0X9S	Concussion with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.0XA	Concussion with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.0XAA	Concussion with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.0XAD	Concussion with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.0XAS	Concussion with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.1	Traumatic cerebral edema	Diagnosis	ICD-10-CM
S06.1X	Traumatic cerebral edema	Diagnosis	ICD-10-CM
S06.1X0	Traumatic cerebral edema without loss of consciousness	Diagnosis	ICD-10-CM
S06.1X0A	Traumatic cerebral edema without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X0D	Traumatic cerebral edema without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X0S	Traumatic cerebral edema without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.1X1	Traumatic cerebral edema with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.1X1A	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.1X1D	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X1S	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.1X2	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.1X2A	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.1X2D	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X2S	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.1X3	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.1X3A	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.1X3D	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X3S	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.1X4	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.1X4A	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.1X4D	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X4S	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.1X5	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.1X5A	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.1X5D	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X5S	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.1X6	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.1X6A	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.1X6D	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X6S	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.1X7	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.1X7A	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X7D	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X7S	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.1X8	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.1X8A	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X8D	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.1X8S	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.1X9	Traumatic cerebral edema with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.1X9A	Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.1X9D	Traumatic cerebral edema with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.1X9S	Traumatic cerebral edema with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.1XA	Traumatic cerebral edema with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.1XAA	Traumatic cerebral edema with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.1XAD	Traumatic cerebral edema with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.1XAS	Traumatic cerebral edema with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.2	Diffuse traumatic brain injury	Diagnosis	ICD-10-CM
S06.2X	Diffuse traumatic brain injury	Diagnosis	ICD-10-CM
S06.2X0	Diffuse traumatic brain injury without loss of consciousness	Diagnosis	ICD-10-CM
S06.2X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X0D	Diffuse traumatic brain injury without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X0S	Diffuse traumatic brain injury without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.2X1	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.2X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.2X1D	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X1S	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.2X2	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.2X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X2D	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X2S	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.2X3	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.2X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X3D	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X3S	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.2X4	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.2X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.2X4D	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X4S	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.2X5	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels	Diagnosis	ICD-10-CM
S06.2X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter	Diagnosis	ICD-10-CM
S06.2X5D	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X5S	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, sequela	Diagnosis	ICD-10-CM
S06.2X6	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.2X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.2X6D	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X6S	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.2X7	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.2X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X7D	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X7S	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.2X8	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.2X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X8D	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X8S	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.2X9	Diffuse traumatic brain injury with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.2X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.2X9D	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X9S	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.2XA	Diffuse traumatic brain injury with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.2XAA	Diffuse traumatic brain injury with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.2XAD	Diffuse traumatic brain injury with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.2XAS	Diffuse traumatic brain injury with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.3	Focal traumatic brain injury	Diagnosis	ICD-10-CM
S06.30	Unspecified focal traumatic brain injury	Diagnosis	ICD-10-CM
S06.300	Unspecified focal traumatic brain injury without loss of consciousness	Diagnosis	ICD-10-CM
S06.300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.300D	Unspecified focal traumatic brain injury without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.300S	Unspecified focal traumatic brain injury without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.301	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.301D	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.301S	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.302	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.302D	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.302S	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.303	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.303D	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.303S	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.304	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.304D	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.304S	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.305	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.305D	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.305S	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.306	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.306A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.306D	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.306S	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.307	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.307D	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.307S	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.308	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.308D	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.308S	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.309	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.309D	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.309S	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.30A	Unspecified focal traumatic brain injury with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.30AA	Unspecified focal traumatic brain injury with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.30AD	Unspecified focal traumatic brain injury with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.30AS	Unspecified focal traumatic brain injury with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.31	Contusion and laceration of right cerebrum	Diagnosis	ICD-10-CM
S06.310	Contusion and laceration of right cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.310A	Contusion and laceration of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.310D	Contusion and laceration of right cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.310S	Contusion and laceration of right cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.311	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.311D	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.311S	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.312	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.312D	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.312S	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.313	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.313D	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.313S	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.314	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.314D	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.314S	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.315	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.315D	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.315S	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.316	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.316A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.316D	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.316S	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.317	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.317A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.317D	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.317S	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.318	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.318A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.318D	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.318S	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.319	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.319D	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.319S	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.31A	Contusion and laceration of right cerebrum with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.31AA	Contusion and laceration of right cerebrum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.31AD	Contusion and laceration of right cerebrum with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.31AS	Contusion and laceration of right cerebrum with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.32	Contusion and laceration of left cerebrum	Diagnosis	ICD-10-CM
S06.320	Contusion and laceration of left cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.320D	Contusion and laceration of left cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.320S	Contusion and laceration of left cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.321	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.321D	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.321S	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.322	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.322D	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.322S	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.323	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.323D	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.323S	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.324	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.324D	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.324S	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.325	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.325D	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.325S	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.326	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.326A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.326D	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.326S	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.327	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.327A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.327D	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.327S	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.328	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.328A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.328D	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.328S	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.329	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.329D	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.329S	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.32A	Contusion and laceration of left cerebrum with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.32AA	Contusion and laceration of left cerebrum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.32AD	Contusion and laceration of left cerebrum with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.32AS	Contusion and laceration of left cerebrum with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.33	Contusion and laceration of cerebrum, unspecified	Diagnosis	ICD-10-CM
S06.330	Contusion and laceration of cerebrum, unspecified, without loss of consciousness	Diagnosis	ICD-10-CM
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.330D	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.330S	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.331	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.331D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.331S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.332	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.332D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.332S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.333	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.333D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.333S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.334	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.334D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.334S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.335	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.335D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.335S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.336	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.336D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.336S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.337	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.337D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.337S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.338	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.338D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.338S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.339	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.339D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.339S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.33A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness status unknown	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.33AA	Contusion and laceration of cerebrum, unspecified, with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.33AD	Contusion and laceration of cerebrum, unspecified, with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.33AS	Contusion and laceration of cerebrum, unspecified, with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.34	Traumatic hemorrhage of right cerebrum	Diagnosis	ICD-10-CM
S06.340	Traumatic hemorrhage of right cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.340D	Traumatic hemorrhage of right cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.340S	Traumatic hemorrhage of right cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.341	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.341D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.341S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.342	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.342D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.342S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.343	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.343D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.343S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.344	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.344D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.344S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.345	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.345D	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.345S	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.346	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.346D	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.346S	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.347	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.347D	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.347S	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.348	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.348D	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.348S	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.349	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.349D	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.349S	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.34A	Traumatic hemorrhage of right cerebrum with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.34AA	Traumatic hemorrhage of right cerebrum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.34AD	Traumatic hemorrhage of right cerebrum with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.34AS	Traumatic hemorrhage of right cerebrum with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.35	Traumatic hemorrhage of left cerebrum	Diagnosis	ICD-10-CM
S06.350	Traumatic hemorrhage of left cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.350D	Traumatic hemorrhage of left cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.350S	Traumatic hemorrhage of left cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.351	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.351D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.351S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.352	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.352D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.352S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.353	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.353D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.353S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.354	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.354D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.354S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.355	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.355D	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.355S	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.356	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.356D	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.356S	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.357	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.357D	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.357S	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.358	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.358D	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.358S	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.359	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.359D	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.359S	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.35A	Traumatic hemorrhage of left cerebrum with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.35AA	Traumatic hemorrhage of left cerebrum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.35AD	Traumatic hemorrhage of left cerebrum with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.35AS	Traumatic hemorrhage of left cerebrum with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.36	Traumatic hemorrhage of cerebrum, unspecified	Diagnosis	ICD-10-CM
S06.360	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.360D	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.360S	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.361	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.361D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.361S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.362	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.362D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.362S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.363	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.363S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.364	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.364D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.364S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.365	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.365D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.365S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.366	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.366D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.366S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.367	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.367D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.367S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.368	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.368S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.369	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.369D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.369S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.36A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.36AA	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.36AD	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.36AS	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.37	Contusion, laceration, and hemorrhage of cerebellum	Diagnosis	ICD-10-CM
S06.370	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness	Diagnosis	ICD-10-CM
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.370D	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.370S	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.371	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.371D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.371S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.372	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.372D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.372S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.373	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.373D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.373S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.374	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.374D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.374S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.375	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.375D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.375S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.376	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.376D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.376S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.377	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.377D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.377S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.378	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.378D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.378S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.379	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.379D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.379S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.37A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.37AA	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.37AD	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.37AS	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.38	Contusion, laceration, and hemorrhage of brainstem	Diagnosis	ICD-10-CM
S06.380	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.380D	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.380S	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.381	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.381D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.381S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.382	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.382D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.382S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.383	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.383D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.383S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.384	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.384D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.384S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.385	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.385D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.385S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.386	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.386D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.386S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.387	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.387D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.387S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.388	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.388D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.388S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.389	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.389D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.389S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.38A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.38AA	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.38AD	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.38AS	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.4	Epidural hemorrhage	Diagnosis	ICD-10-CM
S06.4X	Epidural hemorrhage	Diagnosis	ICD-10-CM
S06.4X0	Epidural hemorrhage without loss of consciousness	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X0D	Epidural hemorrhage without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X0S	Epidural hemorrhage without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.4X1	Epidural hemorrhage with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.4X1D	Epidural hemorrhage with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X1S	Epidural hemorrhage with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.4X2	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X2D	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X2S	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.4X3	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X3D	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X3S	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.4X4	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X4D	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X4S	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.4X5	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X5D	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X5S	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.4X6	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.4X6D	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X6S	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.4X7	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X7D	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X7S	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.4X8	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X8D	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X8S	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.4X9	Epidural hemorrhage with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X9D	Epidural hemorrhage with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.4X9S	Epidural hemorrhage with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.4XA	Epidural hemorrhage with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.4XAA	Epidural hemorrhage with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.4XAD	Epidural hemorrhage with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.4XAS	Epidural hemorrhage with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.5	Traumatic subdural hemorrhage	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.5X	Traumatic subdural hemorrhage	Diagnosis	ICD-10-CM
S06.5X0	Traumatic subdural hemorrhage without loss of consciousness	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X0D	Traumatic subdural hemorrhage without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X0S	Traumatic subdural hemorrhage without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.5X1	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X1D	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X1S	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.5X2	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X2D	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X2S	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.5X3	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3D	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X3S	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.5X4	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.5X4D	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X4S	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.5X5	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X5D	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.5X5S	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.5X6	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X6D	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X6S	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.5X7	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X7D	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X7S	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.5X8	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8D	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X8S	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.5X9	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X9D	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.5X9S	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.5XA	Traumatic subdural hemorrhage with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.5XAA	Traumatic subdural hemorrhage with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.5XAD	Traumatic subdural hemorrhage with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.5XAS	Traumatic subdural hemorrhage with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.6	Traumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.6X	Traumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
S06.6X0	Traumatic subarachnoid hemorrhage without loss of consciousness	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X0D	Traumatic subarachnoid hemorrhage without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X0S	Traumatic subarachnoid hemorrhage without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.6X1	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X1D	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X1S	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.6X2	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X2D	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X2S	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.6X3	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X3D	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X3S	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.6X4	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X4D	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X4S	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.6X5	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X5D	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.6X5S	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.6X6	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.6X6D	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X6S	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.6X7	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X7D	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X7S	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.6X8	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8D	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X8S	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.6X9	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X9D	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.6X9S	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.6XA	Traumatic subarachnoid hemorrhage with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.6XAA	Traumatic subarachnoid hemorrhage with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.6XAD	Traumatic subarachnoid hemorrhage with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.6XAS	Traumatic subarachnoid hemorrhage with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.8	Other specified intracranial injuries	Diagnosis	ICD-10-CM
S06.81	Injury of right internal carotid artery, intracranial portion, not elsewhere classified	Diagnosis	ICD-10-CM
S06.810	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness	Diagnosis	ICD-10-CM
S06.810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.810D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.810S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.811	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.811D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.811S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.812	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.812D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.812S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.813	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.813D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.813S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.814	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.814D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.814S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.815	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.815D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.815S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.816	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.816D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.816S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.817	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.817D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.817S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.818	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.818D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.818S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.819	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.819D	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.819S	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.81A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.81AA	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.81AD	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.81AS	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.82	Injury of left internal carotid artery, intracranial portion, not elsewhere classified	Diagnosis	ICD-10-CM
S06.820	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness	Diagnosis	ICD-10-CM
S06.820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.820D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.820S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.821	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.821D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.821S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.822	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.822D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.822S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.823	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.823D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.823S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.824	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.824D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.824S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.825	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.825D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.825S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.826	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.826D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.826S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.827	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.827D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.827S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.828	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.828D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.828S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.829	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.829D	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.829S	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.82A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.82AA	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.82AD	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.82AS	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.89	Other specified intracranial injury	Diagnosis	ICD-10-CM
S06.890	Other specified intracranial injury without loss of consciousness	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.890D	Other specified intracranial injury without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.890S	Other specified intracranial injury without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.891	Other specified intracranial injury with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.891D	Other specified intracranial injury with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.891S	Other specified intracranial injury with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.892	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.892D	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.892S	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.893	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893D	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.893S	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.894	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.894D	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.894S	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.895	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.895D	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.895S	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.896	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.896D	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.896S	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.897	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.897D	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.897S	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.898	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.898D	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.898S	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.899	Other specified intracranial injury with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.899D	Other specified intracranial injury with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.899S	Other specified intracranial injury with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.89A	Other specified intracranial injury with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.89AA	Other specified intracranial injury with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.89AD	Other specified intracranial injury with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.89AS	Other specified intracranial injury with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.8A	Primary blast injury of brain, not elsewhere classified	Diagnosis	ICD-10-CM
S06.8A0	Primary blast injury of brain, not elsewhere classified without loss of consciousness	Diagnosis	ICD-10-CM
S06.8A0A	Primary blast injury of brain, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.8A0D	Primary blast injury of brain, not elsewhere classified without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A0S	Primary blast injury of brain, not elsewhere classified without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.8A1	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.8A1A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.8A1D	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A1S	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.8A2	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.8A2A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.8A2D	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A2S	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.8A3	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.8A3A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S06.8A3D	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A3S	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.8A4	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.8A4A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.8A4D	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A4S	Primary blast injury of brain, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.8A5	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.8A5A	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.8A5D	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A5S	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.8A6	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.8A6A	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.8A6D	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A6S	Primary blast injury of brain, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.8A7	Primary blast injury of brain, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.8A7A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.8A8	Primary blast injury of brain, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.8A8A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.8A9	Primary blast injury of brain, not elsewhere classified with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.8A9A	Primary blast injury of brain, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.8A9D	Primary blast injury of brain, not elsewhere classified with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.8A9S	Primary blast injury of brain, not elsewhere classified with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.8AA	Primary blast injury of brain, not elsewhere classified with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.8AAA	Primary blast injury of brain, not elsewhere classified with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.8AAD	Primary blast injury of brain, not elsewhere classified with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.8AAS	Primary blast injury of brain, not elsewhere classified with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.9	Unspecified intracranial injury	Diagnosis	ICD-10-CM
S06.9X	Unspecified intracranial injury	Diagnosis	ICD-10-CM
S06.9X0	Unspecified intracranial injury without loss of consciousness	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X0D	Unspecified intracranial injury without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X0S	Unspecified intracranial injury without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.9X1	Unspecified intracranial injury with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X1D	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X1S	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.9X2	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X2D	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X2S	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.9X3	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.9X3D	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X3S	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.9X4	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X4D	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X4S	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.9X5	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X5D	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X5S	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.9X6	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.9X6D	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X6S	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.9X7	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X7D	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X7S	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.9X8	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8D	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.9X8S	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.9X9	Unspecified intracranial injury with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X9D	Unspecified intracranial injury with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.9X9S	Unspecified intracranial injury with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.9XA	Unspecified intracranial injury with loss of consciousness status unknown	Diagnosis	ICD-10-CM
S06.9XAA	Unspecified intracranial injury with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.9XAD	Unspecified intracranial injury with loss of consciousness status unknown, subsequent encounter	Diagnosis	ICD-10-CM
S06.9XAS	Unspecified intracranial injury with loss of consciousness status unknown, sequela	Diagnosis	ICD-10-CM
S06.A	Traumatic brain compression and herniation	Diagnosis	ICD-10-CM
S06.A0	Traumatic brain compression without herniation	Diagnosis	ICD-10-CM
S06.A0XA	Traumatic brain compression without herniation, initial encounter	Diagnosis	ICD-10-CM
S06.A0XD	Traumatic brain compression without herniation, subsequent encounter	Diagnosis	ICD-10-CM
S06.A0XS	Traumatic brain compression without herniation, sequela	Diagnosis	ICD-10-CM
S06.A1	Traumatic brain compression with herniation	Diagnosis	ICD-10-CM
S06.A1XA	Traumatic brain compression with herniation, initial encounter	Diagnosis	ICD-10-CM
S06.A1XD	Traumatic brain compression with herniation, subsequent encounter	Diagnosis	ICD-10-CM
S06.A1XS	Traumatic brain compression with herniation, sequela	Diagnosis	ICD-10-CM
S07	Crushing injury of head	Diagnosis	ICD-10-CM
S07.0	Crushing injury of face	Diagnosis	ICD-10-CM
S07.0XXA	Crushing injury of face, initial encounter	Diagnosis	ICD-10-CM
S07.0XXD	Crushing injury of face, subsequent encounter	Diagnosis	ICD-10-CM
S07.0XXS	Crushing injury of face, sequela	Diagnosis	ICD-10-CM
S07.1	Crushing injury of skull	Diagnosis	ICD-10-CM
S07.1XXA	Crushing injury of skull, initial encounter	Diagnosis	ICD-10-CM
S07.1XXD	Crushing injury of skull, subsequent encounter	Diagnosis	ICD-10-CM
S07.1XXS	Crushing injury of skull, sequela	Diagnosis	ICD-10-CM
S07.8	Crushing injury of other parts of head	Diagnosis	ICD-10-CM
S07.8XXA	Crushing injury of other parts of head, initial encounter	Diagnosis	ICD-10-CM
S07.8XXD	Crushing injury of other parts of head, subsequent encounter	Diagnosis	ICD-10-CM
S07.8XXS	Crushing injury of other parts of head, sequela	Diagnosis	ICD-10-CM
S07.9	Crushing injury of head, part unspecified	Diagnosis	ICD-10-CM
S07.9XXA	Crushing injury of head, part unspecified, initial encounter	Diagnosis	ICD-10-CM
S07.9XXD	Crushing injury of head, part unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S07.9XXS	Crushing injury of head, part unspecified, sequela	Diagnosis	ICD-10-CM
S08	Avulsion and traumatic amputation of part of head	Diagnosis	ICD-10-CM
S08.0	Avulsion of scalp	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S08.0XXA	Avulsion of scalp, initial encounter	Diagnosis	ICD-10-CM
S08.0XXD	Avulsion of scalp, subsequent encounter	Diagnosis	ICD-10-CM
S08.0XXS	Avulsion of scalp, sequela	Diagnosis	ICD-10-CM
S08.1	Traumatic amputation of ear	Diagnosis	ICD-10-CM
S08.11	Complete traumatic amputation of ear	Diagnosis	ICD-10-CM
S08.111	Complete traumatic amputation of right ear	Diagnosis	ICD-10-CM
S08.111A	Complete traumatic amputation of right ear, initial encounter	Diagnosis	ICD-10-CM
S08.111D	Complete traumatic amputation of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S08.111S	Complete traumatic amputation of right ear, sequela	Diagnosis	ICD-10-CM
S08.112	Complete traumatic amputation of left ear	Diagnosis	ICD-10-CM
S08.112A	Complete traumatic amputation of left ear, initial encounter	Diagnosis	ICD-10-CM
S08.112D	Complete traumatic amputation of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S08.112S	Complete traumatic amputation of left ear, sequela	Diagnosis	ICD-10-CM
S08.119	Complete traumatic amputation of unspecified ear	Diagnosis	ICD-10-CM
S08.119A	Complete traumatic amputation of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S08.119D	Complete traumatic amputation of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S08.119S	Complete traumatic amputation of unspecified ear, sequela	Diagnosis	ICD-10-CM
S08.12	Partial traumatic amputation of ear	Diagnosis	ICD-10-CM
S08.121	Partial traumatic amputation of right ear	Diagnosis	ICD-10-CM
S08.121A	Partial traumatic amputation of right ear, initial encounter	Diagnosis	ICD-10-CM
S08.121D	Partial traumatic amputation of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S08.121S	Partial traumatic amputation of right ear, sequela	Diagnosis	ICD-10-CM
S08.122	Partial traumatic amputation of left ear	Diagnosis	ICD-10-CM
S08.122A	Partial traumatic amputation of left ear, initial encounter	Diagnosis	ICD-10-CM
S08.122D	Partial traumatic amputation of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S08.122S	Partial traumatic amputation of left ear, sequela	Diagnosis	ICD-10-CM
S08.129	Partial traumatic amputation of unspecified ear	Diagnosis	ICD-10-CM
S08.129A	Partial traumatic amputation of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S08.129D	Partial traumatic amputation of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S08.129S	Partial traumatic amputation of unspecified ear, sequela	Diagnosis	ICD-10-CM
S08.8	Traumatic amputation of other parts of head	Diagnosis	ICD-10-CM
S08.81	Traumatic amputation of nose	Diagnosis	ICD-10-CM
S08.811	Complete traumatic amputation of nose	Diagnosis	ICD-10-CM
S08.811A	Complete traumatic amputation of nose, initial encounter	Diagnosis	ICD-10-CM
S08.811D	Complete traumatic amputation of nose, subsequent encounter	Diagnosis	ICD-10-CM
S08.811S	Complete traumatic amputation of nose, sequela	Diagnosis	ICD-10-CM
S08.812	Partial traumatic amputation of nose	Diagnosis	ICD-10-CM
S08.812A	Partial traumatic amputation of nose, initial encounter	Diagnosis	ICD-10-CM
S08.812D	Partial traumatic amputation of nose, subsequent encounter	Diagnosis	ICD-10-CM
S08.812S	Partial traumatic amputation of nose, sequela	Diagnosis	ICD-10-CM
S08.89	Traumatic amputation of other parts of head	Diagnosis	ICD-10-CM
S08.89XA	Traumatic amputation of other parts of head, initial encounter	Diagnosis	ICD-10-CM
S08.89XD	Traumatic amputation of other parts of head, subsequent encounter	Diagnosis	ICD-10-CM
S08.89XS	Traumatic amputation of other parts of head, sequela	Diagnosis	ICD-10-CM
S09	Other and unspecified injuries of head	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S09.0	Injury of blood vessels of head, not elsewhere classified	Diagnosis	ICD-10-CM
S09.0XXA	Injury of blood vessels of head, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
S09.0XXD	Injury of blood vessels of head, not elsewhere classified, subsequent encounter	Diagnosis	ICD-10-CM
S09.0XXS	Injury of blood vessels of head, not elsewhere classified, sequela	Diagnosis	ICD-10-CM
S09.1	Injury of muscle and tendon of head	Diagnosis	ICD-10-CM
S09.10	Unspecified injury of muscle and tendon of head	Diagnosis	ICD-10-CM
S09.10XA	Unspecified injury of muscle and tendon of head, initial encounter	Diagnosis	ICD-10-CM
S09.10XD	Unspecified injury of muscle and tendon of head, subsequent encounter	Diagnosis	ICD-10-CM
S09.10XS	Unspecified injury of muscle and tendon of head, sequela	Diagnosis	ICD-10-CM
S09.11	Strain of muscle and tendon of head	Diagnosis	ICD-10-CM
S09.11XA	Strain of muscle and tendon of head, initial encounter	Diagnosis	ICD-10-CM
S09.11XD	Strain of muscle and tendon of head, subsequent encounter	Diagnosis	ICD-10-CM
S09.11XS	Strain of muscle and tendon of head, sequela	Diagnosis	ICD-10-CM
S09.12	Laceration of muscle and tendon of head	Diagnosis	ICD-10-CM
S09.12XA	Laceration of muscle and tendon of head, initial encounter	Diagnosis	ICD-10-CM
S09.12XD	Laceration of muscle and tendon of head, subsequent encounter	Diagnosis	ICD-10-CM
S09.12XS	Laceration of muscle and tendon of head, sequela	Diagnosis	ICD-10-CM
S09.19	Other specified injury of muscle and tendon of head	Diagnosis	ICD-10-CM
S09.19XA	Other specified injury of muscle and tendon of head, initial encounter	Diagnosis	ICD-10-CM
S09.19XD	Other specified injury of muscle and tendon of head, subsequent encounter	Diagnosis	ICD-10-CM
S09.19XS	Other specified injury of muscle and tendon of head, sequela	Diagnosis	ICD-10-CM
S09.2	Traumatic rupture of ear drum	Diagnosis	ICD-10-CM
S09.20	Traumatic rupture of unspecified ear drum	Diagnosis	ICD-10-CM
S09.20XA	Traumatic rupture of unspecified ear drum, initial encounter	Diagnosis	ICD-10-CM
S09.20XD	Traumatic rupture of unspecified ear drum, subsequent encounter	Diagnosis	ICD-10-CM
S09.20XS	Traumatic rupture of unspecified ear drum, sequela	Diagnosis	ICD-10-CM
S09.21	Traumatic rupture of right ear drum	Diagnosis	ICD-10-CM
S09.21XA	Traumatic rupture of right ear drum, initial encounter	Diagnosis	ICD-10-CM
S09.21XD	Traumatic rupture of right ear drum, subsequent encounter	Diagnosis	ICD-10-CM
S09.21XS	Traumatic rupture of right ear drum, sequela	Diagnosis	ICD-10-CM
S09.22	Traumatic rupture of left ear drum	Diagnosis	ICD-10-CM
S09.22XA	Traumatic rupture of left ear drum, initial encounter	Diagnosis	ICD-10-CM
S09.22XD	Traumatic rupture of left ear drum, subsequent encounter	Diagnosis	ICD-10-CM
S09.22XS	Traumatic rupture of left ear drum, sequela	Diagnosis	ICD-10-CM
S09.3	Other specified and unspecified injury of middle and inner ear	Diagnosis	ICD-10-CM
S09.30	Unspecified injury of middle and inner ear	Diagnosis	ICD-10-CM
S09.301	Unspecified injury of right middle and inner ear	Diagnosis	ICD-10-CM
S09.301A	Unspecified injury of right middle and inner ear, initial encounter	Diagnosis	ICD-10-CM
S09.301D	Unspecified injury of right middle and inner ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.301S	Unspecified injury of right middle and inner ear, sequela	Diagnosis	ICD-10-CM
S09.302	Unspecified injury of left middle and inner ear	Diagnosis	ICD-10-CM
S09.302A	Unspecified injury of left middle and inner ear, initial encounter	Diagnosis	ICD-10-CM
S09.302D	Unspecified injury of left middle and inner ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.302S	Unspecified injury of left middle and inner ear, sequela	Diagnosis	ICD-10-CM
S09.309	Unspecified injury of unspecified middle and inner ear	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S09.309A	Unspecified injury of unspecified middle and inner ear, initial encounter	Diagnosis	ICD-10-CM
S09.309D	Unspecified injury of unspecified middle and inner ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.309S	Unspecified injury of unspecified middle and inner ear, sequela	Diagnosis	ICD-10-CM
S09.31	Primary blast injury of ear	Diagnosis	ICD-10-CM
S09.311	Primary blast injury of right ear	Diagnosis	ICD-10-CM
S09.311A	Primary blast injury of right ear, initial encounter	Diagnosis	ICD-10-CM
S09.311D	Primary blast injury of right ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.311S	Primary blast injury of right ear, sequela	Diagnosis	ICD-10-CM
S09.312	Primary blast injury of left ear	Diagnosis	ICD-10-CM
S09.312A	Primary blast injury of left ear, initial encounter	Diagnosis	ICD-10-CM
S09.312D	Primary blast injury of left ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.312S	Primary blast injury of left ear, sequela	Diagnosis	ICD-10-CM
S09.313	Primary blast injury of ear, bilateral	Diagnosis	ICD-10-CM
S09.313A	Primary blast injury of ear, bilateral, initial encounter	Diagnosis	ICD-10-CM
S09.313D	Primary blast injury of ear, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S09.313S	Primary blast injury of ear, bilateral, sequela	Diagnosis	ICD-10-CM
S09.319	Primary blast injury of unspecified ear	Diagnosis	ICD-10-CM
S09.319A	Primary blast injury of unspecified ear, initial encounter	Diagnosis	ICD-10-CM
S09.319D	Primary blast injury of unspecified ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.319S	Primary blast injury of unspecified ear, sequela	Diagnosis	ICD-10-CM
S09.39	Other specified injury of middle and inner ear	Diagnosis	ICD-10-CM
S09.391	Other specified injury of right middle and inner ear	Diagnosis	ICD-10-CM
S09.391A	Other specified injury of right middle and inner ear, initial encounter	Diagnosis	ICD-10-CM
S09.391D	Other specified injury of right middle and inner ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.391S	Other specified injury of right middle and inner ear, sequela	Diagnosis	ICD-10-CM
S09.392	Other specified injury of left middle and inner ear	Diagnosis	ICD-10-CM
S09.392A	Other specified injury of left middle and inner ear, initial encounter	Diagnosis	ICD-10-CM
S09.392D	Other specified injury of left middle and inner ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.392S	Other specified injury of left middle and inner ear, sequela	Diagnosis	ICD-10-CM
S09.399	Other specified injury of unspecified middle and inner ear	Diagnosis	ICD-10-CM
S09.399A	Other specified injury of unspecified middle and inner ear, initial encounter	Diagnosis	ICD-10-CM
S09.399D	Other specified injury of unspecified middle and inner ear, subsequent encounter	Diagnosis	ICD-10-CM
S09.399S	Other specified injury of unspecified middle and inner ear, sequela	Diagnosis	ICD-10-CM
S09.8	Other specified injuries of head	Diagnosis	ICD-10-CM
S09.8XXA	Other specified injuries of head, initial encounter	Diagnosis	ICD-10-CM
S09.8XXD	Other specified injuries of head, subsequent encounter	Diagnosis	ICD-10-CM
S09.8XXS	Other specified injuries of head, sequela	Diagnosis	ICD-10-CM
S09.9	Unspecified injury of face and head	Diagnosis	ICD-10-CM
S09.90	Unspecified injury of head	Diagnosis	ICD-10-CM
S09.90XA	Unspecified injury of head, initial encounter	Diagnosis	ICD-10-CM
S09.90XD	Unspecified injury of head, subsequent encounter	Diagnosis	ICD-10-CM
S09.90XS	Unspecified injury of head, sequela	Diagnosis	ICD-10-CM
S09.91	Unspecified injury of ear	Diagnosis	ICD-10-CM
S09.91XA	Unspecified injury of ear, initial encounter	Diagnosis	ICD-10-CM
S09.91XD	Unspecified injury of ear, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S09.91XS	Unspecified injury of ear, sequela	Diagnosis	ICD-10-CM
S09.92	Unspecified injury of nose	Diagnosis	ICD-10-CM
S09.92XA	Unspecified injury of nose, initial encounter	Diagnosis	ICD-10-CM
S09.92XD	Unspecified injury of nose, subsequent encounter	Diagnosis	ICD-10-CM
S09.92XS	Unspecified injury of nose, sequela	Diagnosis	ICD-10-CM
S09.93	Unspecified injury of face	Diagnosis	ICD-10-CM
S09.93XA	Unspecified injury of face, initial encounter	Diagnosis	ICD-10-CM
S09.93XD	Unspecified injury of face, subsequent encounter	Diagnosis	ICD-10-CM
S09.93XS	Unspecified injury of face, sequela	Diagnosis	ICD-10-CM
S10	Superficial injury of neck	Diagnosis	ICD-10-CM
S10.0	Contusion of throat	Diagnosis	ICD-10-CM
S10.0XXA	Contusion of throat, initial encounter	Diagnosis	ICD-10-CM
S10.0XXD	Contusion of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.0XXS	Contusion of throat, sequela	Diagnosis	ICD-10-CM
S10.1	Other and unspecified superficial injuries of throat	Diagnosis	ICD-10-CM
S10.10	Unspecified superficial injuries of throat	Diagnosis	ICD-10-CM
S10.10XA	Unspecified superficial injuries of throat, initial encounter	Diagnosis	ICD-10-CM
S10.10XD	Unspecified superficial injuries of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.10XS	Unspecified superficial injuries of throat, sequela	Diagnosis	ICD-10-CM
S10.11	Abrasion of throat	Diagnosis	ICD-10-CM
S10.11XA	Abrasion of throat, initial encounter	Diagnosis	ICD-10-CM
S10.11XD	Abrasion of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.11XS	Abrasion of throat, sequela	Diagnosis	ICD-10-CM
S10.12	Blister (nonthermal) of throat	Diagnosis	ICD-10-CM
S10.12XA	Blister (nonthermal) of throat, initial encounter	Diagnosis	ICD-10-CM
S10.12XD	Blister (nonthermal) of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.12XS	Blister (nonthermal) of throat, sequela	Diagnosis	ICD-10-CM
S10.14	External constriction of part of throat	Diagnosis	ICD-10-CM
S10.14XA	External constriction of part of throat, initial encounter	Diagnosis	ICD-10-CM
S10.14XD	External constriction of part of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.14XS	External constriction of part of throat, sequela	Diagnosis	ICD-10-CM
S10.15	Superficial foreign body of throat	Diagnosis	ICD-10-CM
S10.15XA	Superficial foreign body of throat, initial encounter	Diagnosis	ICD-10-CM
S10.15XD	Superficial foreign body of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.15XS	Superficial foreign body of throat, sequela	Diagnosis	ICD-10-CM
S10.16	Insect bite (nonvenomous) of throat	Diagnosis	ICD-10-CM
S10.16XA	Insect bite (nonvenomous) of throat, initial encounter	Diagnosis	ICD-10-CM
S10.16XD	Insect bite (nonvenomous) of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.16XS	Insect bite (nonvenomous) of throat, sequela	Diagnosis	ICD-10-CM
S10.17	Other superficial bite of throat	Diagnosis	ICD-10-CM
S10.17XA	Other superficial bite of throat, initial encounter	Diagnosis	ICD-10-CM
S10.17XD	Other superficial bite of throat, subsequent encounter	Diagnosis	ICD-10-CM
S10.17XS	Other superficial bite of throat, sequela	Diagnosis	ICD-10-CM
S10.8	Superficial injury of other specified parts of neck	Diagnosis	ICD-10-CM
S10.80	Unspecified superficial injury of other specified part of neck	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S10.80XA	Unspecified superficial injury of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.80XD	Unspecified superficial injury of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.80XS	Unspecified superficial injury of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.81	Abrasion of other specified part of neck	Diagnosis	ICD-10-CM
S10.81XA	Abrasion of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.81XD	Abrasion of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.81XS	Abrasion of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.82	Blister (nonthermal) of other specified part of neck	Diagnosis	ICD-10-CM
S10.82XA	Blister (nonthermal) of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.82XD	Blister (nonthermal) of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.82XS	Blister (nonthermal) of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.83	Contusion of other specified part of neck	Diagnosis	ICD-10-CM
S10.83XA	Contusion of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.83XD	Contusion of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.83XS	Contusion of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.84	External constriction of other specified part of neck	Diagnosis	ICD-10-CM
S10.84XA	External constriction of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.84XD	External constriction of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.84XS	External constriction of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.85	Superficial foreign body of other specified part of neck	Diagnosis	ICD-10-CM
S10.85XA	Superficial foreign body of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.85XD	Superficial foreign body of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.85XS	Superficial foreign body of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.86	Insect bite of other specified part of neck	Diagnosis	ICD-10-CM
S10.86XA	Insect bite of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.86XD	Insect bite of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.86XS	Insect bite of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.87	Other superficial bite of other specified part of neck	Diagnosis	ICD-10-CM
S10.87XA	Other superficial bite of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.87XD	Other superficial bite of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.87XS	Other superficial bite of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S10.9	Superficial injury of unspecified part of neck	Diagnosis	ICD-10-CM
S10.90	Unspecified superficial injury of unspecified part of neck	Diagnosis	ICD-10-CM
S10.90XA	Unspecified superficial injury of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.90XD	Unspecified superficial injury of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.90XS	Unspecified superficial injury of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S10.91	Abrasion of unspecified part of neck	Diagnosis	ICD-10-CM
S10.91XA	Abrasion of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.91XD	Abrasion of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.91XS	Abrasion of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S10.92	Blister (nonthermal) of unspecified part of neck	Diagnosis	ICD-10-CM
S10.92XA	Blister (nonthermal) of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.92XD	Blister (nonthermal) of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.92XS	Blister (nonthermal) of unspecified part of neck, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S10.93	Contusion of unspecified part of neck	Diagnosis	ICD-10-CM
S10.93XA	Contusion of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.93XD	Contusion of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.93XS	Contusion of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S10.94	External constriction of unspecified part of neck	Diagnosis	ICD-10-CM
S10.94XA	External constriction of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.94XD	External constriction of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.94XS	External constriction of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S10.95	Superficial foreign body of unspecified part of neck	Diagnosis	ICD-10-CM
S10.95XA	Superficial foreign body of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.95XD	Superficial foreign body of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.95XS	Superficial foreign body of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S10.96	Insect bite of unspecified part of neck	Diagnosis	ICD-10-CM
S10.96XA	Insect bite of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.96XD	Insect bite of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.96XS	Insect bite of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S10.97	Other superficial bite of unspecified part of neck	Diagnosis	ICD-10-CM
S10.97XA	Other superficial bite of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S10.97XD	Other superficial bite of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S10.97XS	Other superficial bite of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S11	Open wound of neck	Diagnosis	ICD-10-CM
S11.0	Open wound of larynx and trachea	Diagnosis	ICD-10-CM
S11.01	Open wound of larynx	Diagnosis	ICD-10-CM
S11.011	Laceration without foreign body of larynx	Diagnosis	ICD-10-CM
S11.011A	Laceration without foreign body of larynx, initial encounter	Diagnosis	ICD-10-CM
S11.011D	Laceration without foreign body of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S11.011S	Laceration without foreign body of larynx, sequela	Diagnosis	ICD-10-CM
S11.012	Laceration with foreign body of larynx	Diagnosis	ICD-10-CM
S11.012A	Laceration with foreign body of larynx, initial encounter	Diagnosis	ICD-10-CM
S11.012D	Laceration with foreign body of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S11.012S	Laceration with foreign body of larynx, sequela	Diagnosis	ICD-10-CM
S11.013	Puncture wound without foreign body of larynx	Diagnosis	ICD-10-CM
S11.013A	Puncture wound without foreign body of larynx, initial encounter	Diagnosis	ICD-10-CM
S11.013D	Puncture wound without foreign body of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S11.013S	Puncture wound without foreign body of larynx, sequela	Diagnosis	ICD-10-CM
S11.014	Puncture wound with foreign body of larynx	Diagnosis	ICD-10-CM
S11.014A	Puncture wound with foreign body of larynx, initial encounter	Diagnosis	ICD-10-CM
S11.014D	Puncture wound with foreign body of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S11.014S	Puncture wound with foreign body of larynx, sequela	Diagnosis	ICD-10-CM
S11.015	Open bite of larynx	Diagnosis	ICD-10-CM
S11.015A	Open bite of larynx, initial encounter	Diagnosis	ICD-10-CM
S11.015D	Open bite of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S11.015S	Open bite of larynx, sequela	Diagnosis	ICD-10-CM
S11.019	Unspecified open wound of larynx	Diagnosis	ICD-10-CM
S11.019A	Unspecified open wound of larynx, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S11.019D	Unspecified open wound of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S11.019S	Unspecified open wound of larynx, sequela	Diagnosis	ICD-10-CM
S11.02	Open wound of trachea	Diagnosis	ICD-10-CM
S11.021	Laceration without foreign body of trachea	Diagnosis	ICD-10-CM
S11.021A	Laceration without foreign body of trachea, initial encounter	Diagnosis	ICD-10-CM
S11.021D	Laceration without foreign body of trachea, subsequent encounter	Diagnosis	ICD-10-CM
S11.021S	Laceration without foreign body of trachea, sequela	Diagnosis	ICD-10-CM
S11.022	Laceration with foreign body of trachea	Diagnosis	ICD-10-CM
S11.022A	Laceration with foreign body of trachea, initial encounter	Diagnosis	ICD-10-CM
S11.022D	Laceration with foreign body of trachea, subsequent encounter	Diagnosis	ICD-10-CM
S11.022S	Laceration with foreign body of trachea, sequela	Diagnosis	ICD-10-CM
S11.023	Puncture wound without foreign body of trachea	Diagnosis	ICD-10-CM
S11.023A	Puncture wound without foreign body of trachea, initial encounter	Diagnosis	ICD-10-CM
S11.023D	Puncture wound without foreign body of trachea, subsequent encounter	Diagnosis	ICD-10-CM
S11.023S	Puncture wound without foreign body of trachea, sequela	Diagnosis	ICD-10-CM
S11.024	Puncture wound with foreign body of trachea	Diagnosis	ICD-10-CM
S11.024A	Puncture wound with foreign body of trachea, initial encounter	Diagnosis	ICD-10-CM
S11.024D	Puncture wound with foreign body of trachea, subsequent encounter	Diagnosis	ICD-10-CM
S11.024S	Puncture wound with foreign body of trachea, sequela	Diagnosis	ICD-10-CM
S11.025	Open bite of trachea	Diagnosis	ICD-10-CM
S11.025A	Open bite of trachea, initial encounter	Diagnosis	ICD-10-CM
S11.025D	Open bite of trachea, subsequent encounter	Diagnosis	ICD-10-CM
S11.025S	Open bite of trachea, sequela	Diagnosis	ICD-10-CM
S11.029	Unspecified open wound of trachea	Diagnosis	ICD-10-CM
S11.029A	Unspecified open wound of trachea, initial encounter	Diagnosis	ICD-10-CM
S11.029D	Unspecified open wound of trachea, subsequent encounter	Diagnosis	ICD-10-CM
S11.029S	Unspecified open wound of trachea, sequela	Diagnosis	ICD-10-CM
S11.03	Open wound of vocal cord	Diagnosis	ICD-10-CM
S11.031	Laceration without foreign body of vocal cord	Diagnosis	ICD-10-CM
S11.031A	Laceration without foreign body of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S11.031D	Laceration without foreign body of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S11.031S	Laceration without foreign body of vocal cord, sequela	Diagnosis	ICD-10-CM
S11.032	Laceration with foreign body of vocal cord	Diagnosis	ICD-10-CM
S11.032A	Laceration with foreign body of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S11.032D	Laceration with foreign body of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S11.032S	Laceration with foreign body of vocal cord, sequela	Diagnosis	ICD-10-CM
S11.033	Puncture wound without foreign body of vocal cord	Diagnosis	ICD-10-CM
S11.033A	Puncture wound without foreign body of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S11.033D	Puncture wound without foreign body of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S11.033S	Puncture wound without foreign body of vocal cord, sequela	Diagnosis	ICD-10-CM
S11.034	Puncture wound with foreign body of vocal cord	Diagnosis	ICD-10-CM
S11.034A	Puncture wound with foreign body of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S11.034D	Puncture wound with foreign body of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S11.034S	Puncture wound with foreign body of vocal cord, sequela	Diagnosis	ICD-10-CM
S11.035	Open bite of vocal cord	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S11.035A	Open bite of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S11.035D	Open bite of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S11.035S	Open bite of vocal cord, sequela	Diagnosis	ICD-10-CM
S11.039	Unspecified open wound of vocal cord	Diagnosis	ICD-10-CM
S11.039A	Unspecified open wound of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S11.039D	Unspecified open wound of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S11.039S	Unspecified open wound of vocal cord, sequela	Diagnosis	ICD-10-CM
S11.1	Open wound of thyroid gland	Diagnosis	ICD-10-CM
S11.10	Unspecified open wound of thyroid gland	Diagnosis	ICD-10-CM
S11.10XA	Unspecified open wound of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S11.10XD	Unspecified open wound of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S11.10XS	Unspecified open wound of thyroid gland, sequela	Diagnosis	ICD-10-CM
S11.11	Laceration without foreign body of thyroid gland	Diagnosis	ICD-10-CM
S11.11XA	Laceration without foreign body of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S11.11XD	Laceration without foreign body of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S11.11XS	Laceration without foreign body of thyroid gland, sequela	Diagnosis	ICD-10-CM
S11.12	Laceration with foreign body of thyroid gland	Diagnosis	ICD-10-CM
S11.12XA	Laceration with foreign body of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S11.12XD	Laceration with foreign body of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S11.12XS	Laceration with foreign body of thyroid gland, sequela	Diagnosis	ICD-10-CM
S11.13	Puncture wound without foreign body of thyroid gland	Diagnosis	ICD-10-CM
S11.13XA	Puncture wound without foreign body of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S11.13XD	Puncture wound without foreign body of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S11.13XS	Puncture wound without foreign body of thyroid gland, sequela	Diagnosis	ICD-10-CM
S11.14	Puncture wound with foreign body of thyroid gland	Diagnosis	ICD-10-CM
S11.14XA	Puncture wound with foreign body of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S11.14XD	Puncture wound with foreign body of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S11.14XS	Puncture wound with foreign body of thyroid gland, sequela	Diagnosis	ICD-10-CM
S11.15	Open bite of thyroid gland	Diagnosis	ICD-10-CM
S11.15XA	Open bite of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S11.15XD	Open bite of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S11.15XS	Open bite of thyroid gland, sequela	Diagnosis	ICD-10-CM
S11.2	Open wound of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S11.20	Unspecified open wound of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S11.20XA	Unspecified open wound of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S11.20XD	Unspecified open wound of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S11.20XS	Unspecified open wound of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S11.21	Laceration without foreign body of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S11.21XA	Laceration without foreign body of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S11.21XD	Laceration without foreign body of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S11.21XS	Laceration without foreign body of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S11.22	Laceration with foreign body of pharynx and cervical esophagus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S11.22XA	Laceration with foreign body of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S11.22XD	Laceration with foreign body of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S11.22XS	Laceration with foreign body of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S11.23	Puncture wound without foreign body of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S11.23XA	Puncture wound without foreign body of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S11.23XD	Puncture wound without foreign body of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S11.23XS	Puncture wound without foreign body of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S11.24	Puncture wound with foreign body of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S11.24XA	Puncture wound with foreign body of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S11.24XD	Puncture wound with foreign body of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S11.24XS	Puncture wound with foreign body of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S11.25	Open bite of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S11.25XA	Open bite of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S11.25XD	Open bite of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S11.25XS	Open bite of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S11.8	Open wound of other specified parts of neck	Diagnosis	ICD-10-CM
S11.80	Unspecified open wound of other specified part of neck	Diagnosis	ICD-10-CM
S11.80XA	Unspecified open wound of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.80XD	Unspecified open wound of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.80XS	Unspecified open wound of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.81	Laceration without foreign body of other specified part of neck	Diagnosis	ICD-10-CM
S11.81XA	Laceration without foreign body of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.81XD	Laceration without foreign body of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.81XS	Laceration without foreign body of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.82	Laceration with foreign body of other specified part of neck	Diagnosis	ICD-10-CM
S11.82XA	Laceration with foreign body of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.82XD	Laceration with foreign body of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.82XS	Laceration with foreign body of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.83	Puncture wound without foreign body of other specified part of neck	Diagnosis	ICD-10-CM
S11.83XA	Puncture wound without foreign body of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.83XD	Puncture wound without foreign body of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.83XS	Puncture wound without foreign body of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.84	Puncture wound with foreign body of other specified part of neck	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S11.84XA	Puncture wound with foreign body of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.84XD	Puncture wound with foreign body of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.84XS	Puncture wound with foreign body of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.85	Open bite of other specified part of neck	Diagnosis	ICD-10-CM
S11.85XA	Open bite of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.85XD	Open bite of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.85XS	Open bite of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.89	Other open wound of other specified part of neck	Diagnosis	ICD-10-CM
S11.89XA	Other open wound of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.89XD	Other open wound of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.89XS	Other open wound of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S11.9	Open wound of unspecified part of neck	Diagnosis	ICD-10-CM
S11.90	Unspecified open wound of unspecified part of neck	Diagnosis	ICD-10-CM
S11.90XA	Unspecified open wound of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.90XD	Unspecified open wound of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.90XS	Unspecified open wound of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S11.91	Laceration without foreign body of unspecified part of neck	Diagnosis	ICD-10-CM
S11.91XA	Laceration without foreign body of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.91XD	Laceration without foreign body of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.91XS	Laceration without foreign body of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S11.92	Laceration with foreign body of unspecified part of neck	Diagnosis	ICD-10-CM
S11.92XA	Laceration with foreign body of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.92XD	Laceration with foreign body of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.92XS	Laceration with foreign body of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S11.93	Puncture wound without foreign body of unspecified part of neck	Diagnosis	ICD-10-CM
S11.93XA	Puncture wound without foreign body of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.93XD	Puncture wound without foreign body of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.93XS	Puncture wound without foreign body of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S11.94	Puncture wound with foreign body of unspecified part of neck	Diagnosis	ICD-10-CM
S11.94XA	Puncture wound with foreign body of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.94XD	Puncture wound with foreign body of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.94XS	Puncture wound with foreign body of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S11.95	Open bite of unspecified part of neck	Diagnosis	ICD-10-CM
S11.95XA	Open bite of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM
S11.95XD	Open bite of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S11.95XS	Open bite of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S12	Fracture of cervical vertebra and other parts of neck	Diagnosis	ICD-10-CM
S12.0	Fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.00	Unspecified fracture of first cervical vertebra	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.000	Unspecified displaced fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.000D	Unspecified displaced fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.000G	Unspecified displaced fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.000K	Unspecified displaced fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.000S	Unspecified displaced fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.001	Unspecified nondisplaced fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.001D	Unspecified nondisplaced fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.001G	Unspecified nondisplaced fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.001K	Unspecified nondisplaced fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.001S	Unspecified nondisplaced fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.01	Stable burst fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.01XA	Stable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.01XB	Stable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.01XD	Stable burst fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.01XG	Stable burst fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.01XK	Stable burst fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.01XS	Stable burst fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.02	Unstable burst fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.02XA	Unstable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.02XB	Unstable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.02XD	Unstable burst fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.02XG	Unstable burst fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.02XK	Unstable burst fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.02XS	Unstable burst fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.03	Posterior arch fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.030	Displaced posterior arch fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.030A	Displaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.030B	Displaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.030D	Displaced posterior arch fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.030G	Displaced posterior arch fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.030K	Displaced posterior arch fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.030S	Displaced posterior arch fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.031	Nondisplaced posterior arch fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.031A	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.031B	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.031D	Nondisplaced posterior arch fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.031G	Nondisplaced posterior arch fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.031K	Nondisplaced posterior arch fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.031S	Nondisplaced posterior arch fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.04	Lateral mass fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.040	Displaced lateral mass fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.040A	Displaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.040B	Displaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.040D	Displaced lateral mass fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.040G	Displaced lateral mass fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.040K	Displaced lateral mass fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.040S	Displaced lateral mass fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.041	Nondisplaced lateral mass fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.041D	Nondisplaced lateral mass fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.041G	Nondisplaced lateral mass fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.041K	Nondisplaced lateral mass fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.041S	Nondisplaced lateral mass fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.09	Other fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.090	Other displaced fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.090A	Other displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.090B	Other displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.090D	Other displaced fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.090G	Other displaced fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.090K	Other displaced fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.090S	Other displaced fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.091	Other nondisplaced fracture of first cervical vertebra	Diagnosis	ICD-10-CM
S12.091A	Other nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.091B	Other nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.091D	Other nondisplaced fracture of first cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.091G	Other nondisplaced fracture of first cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.091K	Other nondisplaced fracture of first cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.091S	Other nondisplaced fracture of first cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.1	Fracture of second cervical vertebra	Diagnosis	ICD-10-CM
S12.10	Unspecified fracture of second cervical vertebra	Diagnosis	ICD-10-CM
S12.100	Unspecified displaced fracture of second cervical vertebra	Diagnosis	ICD-10-CM
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.100D	Unspecified displaced fracture of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.100G	Unspecified displaced fracture of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.100K	Unspecified displaced fracture of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.100S	Unspecified displaced fracture of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.101	Unspecified nondisplaced fracture of second cervical vertebra	Diagnosis	ICD-10-CM
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.101D	Unspecified nondisplaced fracture of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.101G	Unspecified nondisplaced fracture of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.101K	Unspecified nondisplaced fracture of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.101S	Unspecified nondisplaced fracture of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.11	Type II dens fracture	Diagnosis	ICD-10-CM
S12.110	Anterior displaced Type II dens fracture	Diagnosis	ICD-10-CM
S12.110A	Anterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.110B	Anterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.110D	Anterior displaced Type II dens fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.110G	Anterior displaced Type II dens fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.110K	Anterior displaced Type II dens fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.110S	Anterior displaced Type II dens fracture, sequela	Diagnosis	ICD-10-CM
S12.111	Posterior displaced Type II dens fracture	Diagnosis	ICD-10-CM
S12.111A	Posterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.111B	Posterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.111D	Posterior displaced Type II dens fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.111G	Posterior displaced Type II dens fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.111K	Posterior displaced Type II dens fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.111S	Posterior displaced Type II dens fracture, sequela	Diagnosis	ICD-10-CM
S12.112	Nondisplaced Type II dens fracture	Diagnosis	ICD-10-CM
S12.112A	Nondisplaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.112B	Nondisplaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.112D	Nondisplaced Type II dens fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.112G	Nondisplaced Type II dens fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.112K	Nondisplaced Type II dens fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.112S	Nondisplaced Type II dens fracture, sequela	Diagnosis	ICD-10-CM
S12.12	Other dens fracture	Diagnosis	ICD-10-CM
S12.120	Other displaced dens fracture	Diagnosis	ICD-10-CM
S12.120A	Other displaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.120B	Other displaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.120D	Other displaced dens fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.120G	Other displaced dens fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.120K	Other displaced dens fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.120S	Other displaced dens fracture, sequela	Diagnosis	ICD-10-CM
S12.121	Other nondisplaced dens fracture	Diagnosis	ICD-10-CM
S12.121A	Other nondisplaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.121B	Other nondisplaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.121D	Other nondisplaced dens fracture, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.121G	Other nondisplaced dens fracture, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.121K	Other nondisplaced dens fracture, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.121S	Other nondisplaced dens fracture, sequela	Diagnosis	ICD-10-CM
S12.13	Unspecified traumatic spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.130	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.130A	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.130D	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.130G	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.130K	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.130S	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.131	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.131D	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.131G	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.131K	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.131S	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.14	Type III traumatic spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.14XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.14XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.14XD	Type III traumatic spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.14XG	Type III traumatic spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.14XK	Type III traumatic spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.14XS	Type III traumatic spondylolisthesis of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.15	Other traumatic spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.150	Other traumatic displaced spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.150A	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.150B	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.150D	Other traumatic displaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.150G	Other traumatic displaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.150K	Other traumatic displaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.150S	Other traumatic displaced spondylolisthesis of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.151	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra	Diagnosis	ICD-10-CM
S12.151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.151D	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.151G	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.151K	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.151S	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.19	Other fracture of second cervical vertebra	Diagnosis	ICD-10-CM
S12.190	Other displaced fracture of second cervical vertebra	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.190A	Other displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.190B	Other displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.190D	Other displaced fracture of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.190G	Other displaced fracture of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.190K	Other displaced fracture of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.190S	Other displaced fracture of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.191	Other nondisplaced fracture of second cervical vertebra	Diagnosis	ICD-10-CM
S12.191A	Other nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.191B	Other nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.191D	Other nondisplaced fracture of second cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.191G	Other nondisplaced fracture of second cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.191K	Other nondisplaced fracture of second cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.191S	Other nondisplaced fracture of second cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.2	Fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.20	Unspecified fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.200	Unspecified displaced fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.200D	Unspecified displaced fracture of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.200G	Unspecified displaced fracture of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.200K	Unspecified displaced fracture of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.200S	Unspecified displaced fracture of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.201	Unspecified nondisplaced fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.201D	Unspecified nondisplaced fracture of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.201G	Unspecified nondisplaced fracture of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.201K	Unspecified nondisplaced fracture of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.201S	Unspecified nondisplaced fracture of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.23	Unspecified traumatic spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM
S12.230	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM
S12.230A	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.230B	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.230D	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.230G	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.230K	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.230S	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.231	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM
S12.231A	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.231B	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.231D	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.231G	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.231K	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.231S	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.24	Type III traumatic spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM
S12.24XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.24XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.24XD	Type III traumatic spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.24XG	Type III traumatic spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.24XK	Type III traumatic spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.24XS	Type III traumatic spondylolisthesis of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.25	Other traumatic spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.250	Other traumatic displaced spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM
S12.250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.250D	Other traumatic displaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.250G	Other traumatic displaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.250K	Other traumatic displaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.250S	Other traumatic displaced spondylolisthesis of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.251	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra	Diagnosis	ICD-10-CM
S12.251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.251D	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.251G	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.251K	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.251S	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.29	Other fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.290	Other displaced fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.290D	Other displaced fracture of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.290G	Other displaced fracture of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.290K	Other displaced fracture of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.290S	Other displaced fracture of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.291	Other nondisplaced fracture of third cervical vertebra	Diagnosis	ICD-10-CM
S12.291A	Other nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.291D	Other nondisplaced fracture of third cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.291G	Other nondisplaced fracture of third cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.291K	Other nondisplaced fracture of third cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.291S	Other nondisplaced fracture of third cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.3	Fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.30	Unspecified fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.300	Unspecified displaced fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.300D	Unspecified displaced fracture of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.300G	Unspecified displaced fracture of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.300K	Unspecified displaced fracture of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.300S	Unspecified displaced fracture of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.301	Unspecified nondisplaced fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.301D	Unspecified nondisplaced fracture of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.301G	Unspecified nondisplaced fracture of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.301K	Unspecified nondisplaced fracture of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.301S	Unspecified nondisplaced fracture of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.33	Unspecified traumatic spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.330	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.330D	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.330G	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.330K	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.330S	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.331	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.331D	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.331G	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.331K	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.331S	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.34	Type III traumatic spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.34XA	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.34XB	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.34XD	Type III traumatic spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.34XG	Type III traumatic spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.34XK	Type III traumatic spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.34XS	Type III traumatic spondylolisthesis of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.35	Other traumatic spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.350	Other traumatic displaced spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.350D	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.350G	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.350K	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.350S	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.351	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.351D	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.351G	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.351K	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.351S	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.39	Other fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.390	Other displaced fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.390D	Other displaced fracture of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.390G	Other displaced fracture of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.390K	Other displaced fracture of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.390S	Other displaced fracture of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.391	Other nondisplaced fracture of fourth cervical vertebra	Diagnosis	ICD-10-CM
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.391D	Other nondisplaced fracture of fourth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.391G	Other nondisplaced fracture of fourth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.391K	Other nondisplaced fracture of fourth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.391S	Other nondisplaced fracture of fourth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.4	Fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.40	Unspecified fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.400	Unspecified displaced fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.400D	Unspecified displaced fracture of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.400G	Unspecified displaced fracture of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.400K	Unspecified displaced fracture of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.400S	Unspecified displaced fracture of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.401	Unspecified nondisplaced fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.401D	Unspecified nondisplaced fracture of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.401G	Unspecified nondisplaced fracture of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.401K	Unspecified nondisplaced fracture of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.401S	Unspecified nondisplaced fracture of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.43	Unspecified traumatic spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.430	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.430B	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.430D	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.430G	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.430K	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.430S	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.431	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.431D	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.431G	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.431K	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.431S	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.44	Type III traumatic spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.44XD	Type III traumatic spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.44XG	Type III traumatic spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.44XK	Type III traumatic spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.44XS	Type III traumatic spondylolisthesis of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.45	Other traumatic spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.450	Other traumatic displaced spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.450A	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.450B	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.450D	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.450G	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.450K	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.450S	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.451	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.451D	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.451G	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.451K	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.451S	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.49	Other fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.490	Other displaced fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.490D	Other displaced fracture of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.490G	Other displaced fracture of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.490K	Other displaced fracture of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.490S	Other displaced fracture of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.491	Other nondisplaced fracture of fifth cervical vertebra	Diagnosis	ICD-10-CM
S12.491A	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.491D	Other nondisplaced fracture of fifth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.491G	Other nondisplaced fracture of fifth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.491K	Other nondisplaced fracture of fifth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.491S	Other nondisplaced fracture of fifth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.5	Fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.50	Unspecified fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.500	Unspecified displaced fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.500D	Unspecified displaced fracture of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.500G	Unspecified displaced fracture of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.500K	Unspecified displaced fracture of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.500S	Unspecified displaced fracture of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.501	Unspecified nondisplaced fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.501D	Unspecified nondisplaced fracture of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.501G	Unspecified nondisplaced fracture of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.501K	Unspecified nondisplaced fracture of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.501S	Unspecified nondisplaced fracture of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.53	Unspecified traumatic spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.530	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.530D	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.530G	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.530K	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.530S	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.531	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.531A	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.531B	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.531D	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.531G	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.531K	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.531S	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.54	Type III traumatic spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.54XA	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.54XB	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.54XD	Type III traumatic spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.54XG	Type III traumatic spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.54XK	Type III traumatic spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.54XS	Type III traumatic spondylolisthesis of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.55	Other traumatic spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.550	Other traumatic displaced spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.550B	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.550D	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.550G	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.550K	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.550S	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.551	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.551A	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.551B	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.551D	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.551G	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.551K	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.551S	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.59	Other fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.590	Other displaced fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.590D	Other displaced fracture of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.590G	Other displaced fracture of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.590K	Other displaced fracture of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.590S	Other displaced fracture of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.591	Other nondisplaced fracture of sixth cervical vertebra	Diagnosis	ICD-10-CM
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.591D	Other nondisplaced fracture of sixth cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.591G	Other nondisplaced fracture of sixth cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.591K	Other nondisplaced fracture of sixth cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.591S	Other nondisplaced fracture of sixth cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.6	Fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.60	Unspecified fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.600	Unspecified displaced fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.600D	Unspecified displaced fracture of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.600G	Unspecified displaced fracture of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.600K	Unspecified displaced fracture of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.600S	Unspecified displaced fracture of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.601	Unspecified nondisplaced fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.601D	Unspecified nondisplaced fracture of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.601G	Unspecified nondisplaced fracture of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.601K	Unspecified nondisplaced fracture of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.601S	Unspecified nondisplaced fracture of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.63	Unspecified traumatic spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.630	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.630B	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.630D	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.630G	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.630K	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.630S	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.631	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.631A	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.631B	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.631D	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.631G	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.631K	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.631S	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.64	Type III traumatic spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.64XA	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.64XB	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.64XD	Type III traumatic spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.64XG	Type III traumatic spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.64XK	Type III traumatic spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.64XS	Type III traumatic spondylolisthesis of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.65	Other traumatic spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.650	Other traumatic displaced spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.650A	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.650B	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.650D	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.650G	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.650K	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.650S	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.651	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.651A	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.651B	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.651D	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.651G	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.651K	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.651S	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S12.69	Other fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.690	Other displaced fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.690A	Other displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.690B	Other displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.690D	Other displaced fracture of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.690G	Other displaced fracture of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.690K	Other displaced fracture of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.690S	Other displaced fracture of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.691	Other nondisplaced fracture of seventh cervical vertebra	Diagnosis	ICD-10-CM
S12.691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.691D	Other nondisplaced fracture of seventh cervical vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S12.691G	Other nondisplaced fracture of seventh cervical vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S12.691K	Other nondisplaced fracture of seventh cervical vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S12.691S	Other nondisplaced fracture of seventh cervical vertebra, sequela	Diagnosis	ICD-10-CM
S12.8	Fracture of other parts of neck	Diagnosis	ICD-10-CM
S12.8XXA	Fracture of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S12.8XXD	Fracture of other parts of neck, subsequent encounter	Diagnosis	ICD-10-CM
S12.8XXS	Fracture of other parts of neck, sequela	Diagnosis	ICD-10-CM
S12.9	Fracture of neck, unspecified	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S12.9XXD	Fracture of neck, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S12.9XXS	Fracture of neck, unspecified, sequela	Diagnosis	ICD-10-CM
S13	Dislocation and sprain of joints and ligaments at neck level	Diagnosis	ICD-10-CM
S13.0	Traumatic rupture of cervical intervertebral disc	Diagnosis	ICD-10-CM
S13.0XXA	Traumatic rupture of cervical intervertebral disc, initial encounter	Diagnosis	ICD-10-CM
S13.0XXD	Traumatic rupture of cervical intervertebral disc, subsequent encounter	Diagnosis	ICD-10-CM
S13.0XXS	Traumatic rupture of cervical intervertebral disc, sequela	Diagnosis	ICD-10-CM
S13.1	Subluxation and dislocation of cervical vertebrae	Diagnosis	ICD-10-CM
S13.10	Subluxation and dislocation of unspecified cervical vertebrae	Diagnosis	ICD-10-CM
S13.100	Subluxation of unspecified cervical vertebrae	Diagnosis	ICD-10-CM
S13.100A	Subluxation of unspecified cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.100D	Subluxation of unspecified cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.100S	Subluxation of unspecified cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.101	Dislocation of unspecified cervical vertebrae	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S13.101A	Dislocation of unspecified cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.101D	Dislocation of unspecified cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.101S	Dislocation of unspecified cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.11	Subluxation and dislocation of C0/C1 cervical vertebrae	Diagnosis	ICD-10-CM
S13.110	Subluxation of C0/C1 cervical vertebrae	Diagnosis	ICD-10-CM
S13.110A	Subluxation of C0/C1 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.110D	Subluxation of C0/C1 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.110S	Subluxation of C0/C1 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.111	Dislocation of C0/C1 cervical vertebrae	Diagnosis	ICD-10-CM
S13.111A	Dislocation of C0/C1 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.111D	Dislocation of C0/C1 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.111S	Dislocation of C0/C1 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.12	Subluxation and dislocation of C1/C2 cervical vertebrae	Diagnosis	ICD-10-CM
S13.120	Subluxation of C1/C2 cervical vertebrae	Diagnosis	ICD-10-CM
S13.120A	Subluxation of C1/C2 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.120D	Subluxation of C1/C2 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.120S	Subluxation of C1/C2 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.121	Dislocation of C1/C2 cervical vertebrae	Diagnosis	ICD-10-CM
S13.121A	Dislocation of C1/C2 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.121D	Dislocation of C1/C2 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.121S	Dislocation of C1/C2 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.13	Subluxation and dislocation of C2/C3 cervical vertebrae	Diagnosis	ICD-10-CM
S13.130	Subluxation of C2/C3 cervical vertebrae	Diagnosis	ICD-10-CM
S13.130A	Subluxation of C2/C3 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.130D	Subluxation of C2/C3 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.130S	Subluxation of C2/C3 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.131	Dislocation of C2/C3 cervical vertebrae	Diagnosis	ICD-10-CM
S13.131A	Dislocation of C2/C3 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.131D	Dislocation of C2/C3 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.131S	Dislocation of C2/C3 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.14	Subluxation and dislocation of C3/C4 cervical vertebrae	Diagnosis	ICD-10-CM
S13.140	Subluxation of C3/C4 cervical vertebrae	Diagnosis	ICD-10-CM
S13.140A	Subluxation of C3/C4 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.140D	Subluxation of C3/C4 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.140S	Subluxation of C3/C4 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.141	Dislocation of C3/C4 cervical vertebrae	Diagnosis	ICD-10-CM
S13.141A	Dislocation of C3/C4 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.141D	Dislocation of C3/C4 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.141S	Dislocation of C3/C4 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.15	Subluxation and dislocation of C4/C5 cervical vertebrae	Diagnosis	ICD-10-CM
S13.150	Subluxation of C4/C5 cervical vertebrae	Diagnosis	ICD-10-CM
S13.150A	Subluxation of C4/C5 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.150D	Subluxation of C4/C5 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.150S	Subluxation of C4/C5 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.151	Dislocation of C4/C5 cervical vertebrae	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S13.151A	Dislocation of C4/C5 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.151D	Dislocation of C4/C5 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.151S	Dislocation of C4/C5 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.16	Subluxation and dislocation of C5/C6 cervical vertebrae	Diagnosis	ICD-10-CM
S13.160	Subluxation of C5/C6 cervical vertebrae	Diagnosis	ICD-10-CM
S13.160A	Subluxation of C5/C6 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.160D	Subluxation of C5/C6 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.160S	Subluxation of C5/C6 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.161	Dislocation of C5/C6 cervical vertebrae	Diagnosis	ICD-10-CM
S13.161A	Dislocation of C5/C6 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.161D	Dislocation of C5/C6 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.161S	Dislocation of C5/C6 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.17	Subluxation and dislocation of C6/C7 cervical vertebrae	Diagnosis	ICD-10-CM
S13.170	Subluxation of C6/C7 cervical vertebrae	Diagnosis	ICD-10-CM
S13.170A	Subluxation of C6/C7 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.170D	Subluxation of C6/C7 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.170S	Subluxation of C6/C7 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.171	Dislocation of C6/C7 cervical vertebrae	Diagnosis	ICD-10-CM
S13.171A	Dislocation of C6/C7 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.171D	Dislocation of C6/C7 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.171S	Dislocation of C6/C7 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.18	Subluxation and dislocation of C7/T1 cervical vertebrae	Diagnosis	ICD-10-CM
S13.180	Subluxation of C7/T1 cervical vertebrae	Diagnosis	ICD-10-CM
S13.180A	Subluxation of C7/T1 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.180D	Subluxation of C7/T1 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.180S	Subluxation of C7/T1 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.181	Dislocation of C7/T1 cervical vertebrae	Diagnosis	ICD-10-CM
S13.181A	Dislocation of C7/T1 cervical vertebrae, initial encounter	Diagnosis	ICD-10-CM
S13.181D	Dislocation of C7/T1 cervical vertebrae, subsequent encounter	Diagnosis	ICD-10-CM
S13.181S	Dislocation of C7/T1 cervical vertebrae, sequela	Diagnosis	ICD-10-CM
S13.2	Dislocation of other and unspecified parts of neck	Diagnosis	ICD-10-CM
S13.20	Dislocation of unspecified parts of neck	Diagnosis	ICD-10-CM
S13.20XA	Dislocation of unspecified parts of neck, initial encounter	Diagnosis	ICD-10-CM
S13.20XD	Dislocation of unspecified parts of neck, subsequent encounter	Diagnosis	ICD-10-CM
S13.20XS	Dislocation of unspecified parts of neck, sequela	Diagnosis	ICD-10-CM
S13.29	Dislocation of other parts of neck	Diagnosis	ICD-10-CM
S13.29XA	Dislocation of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S13.29XD	Dislocation of other parts of neck, subsequent encounter	Diagnosis	ICD-10-CM
S13.29XS	Dislocation of other parts of neck, sequela	Diagnosis	ICD-10-CM
S13.4	Sprain of ligaments of cervical spine	Diagnosis	ICD-10-CM
S13.4XXA	Sprain of ligaments of cervical spine, initial encounter	Diagnosis	ICD-10-CM
S13.4XXD	Sprain of ligaments of cervical spine, subsequent encounter	Diagnosis	ICD-10-CM
S13.4XXS	Sprain of ligaments of cervical spine, sequela	Diagnosis	ICD-10-CM
S13.5	Sprain of thyroid region	Diagnosis	ICD-10-CM
S13.5XXA	Sprain of thyroid region, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S13.5XXD	Sprain of thyroid region, subsequent encounter	Diagnosis	ICD-10-CM
S13.5XXS	Sprain of thyroid region, sequela	Diagnosis	ICD-10-CM
S13.8	Sprain of joints and ligaments of other parts of neck	Diagnosis	ICD-10-CM
S13.8XXA	Sprain of joints and ligaments of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S13.8XXD	Sprain of joints and ligaments of other parts of neck, subsequent encounter	Diagnosis	ICD-10-CM
S13.8XXS	Sprain of joints and ligaments of other parts of neck, sequela	Diagnosis	ICD-10-CM
S13.9	Sprain of joints and ligaments of unspecified parts of neck	Diagnosis	ICD-10-CM
S13.9XXA	Sprain of joints and ligaments of unspecified parts of neck, initial encounter	Diagnosis	ICD-10-CM
S13.9XXD	Sprain of joints and ligaments of unspecified parts of neck, subsequent encounter	Diagnosis	ICD-10-CM
S13.9XXS	Sprain of joints and ligaments of unspecified parts of neck, sequela	Diagnosis	ICD-10-CM
S14	Injury of nerves and spinal cord at neck level	Diagnosis	ICD-10-CM
S14.0	Concussion and edema of cervical spinal cord	Diagnosis	ICD-10-CM
S14.0XXA	Concussion and edema of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.0XXD	Concussion and edema of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.0XXS	Concussion and edema of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.1	Other and unspecified injuries of cervical spinal cord	Diagnosis	ICD-10-CM
S14.10	Unspecified injury of cervical spinal cord	Diagnosis	ICD-10-CM
S14.101	Unspecified injury at C1 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.101D	Unspecified injury at C1 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.101S	Unspecified injury at C1 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.102	Unspecified injury at C2 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102D	Unspecified injury at C2 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.102S	Unspecified injury at C2 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.103	Unspecified injury at C3 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103D	Unspecified injury at C3 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.103S	Unspecified injury at C3 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.104	Unspecified injury at C4 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104D	Unspecified injury at C4 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.104S	Unspecified injury at C4 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.105	Unspecified injury at C5 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.105D	Unspecified injury at C5 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.105S	Unspecified injury at C5 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.106	Unspecified injury at C6 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106D	Unspecified injury at C6 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.106S	Unspecified injury at C6 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.107	Unspecified injury at C7 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107D	Unspecified injury at C7 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S14.107S	Unspecified injury at C7 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.108	Unspecified injury at C8 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.108A	Unspecified injury at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.108D	Unspecified injury at C8 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.108S	Unspecified injury at C8 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.109	Unspecified injury at unspecified level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109D	Unspecified injury at unspecified level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.109S	Unspecified injury at unspecified level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.11	Complete lesion of cervical spinal cord	Diagnosis	ICD-10-CM
S14.111	Complete lesion at C1 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.111D	Complete lesion at C1 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.111S	Complete lesion at C1 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.112	Complete lesion at C2 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112D	Complete lesion at C2 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.112S	Complete lesion at C2 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.113	Complete lesion at C3 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113D	Complete lesion at C3 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.113S	Complete lesion at C3 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.114	Complete lesion at C4 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114D	Complete lesion at C4 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.114S	Complete lesion at C4 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.115	Complete lesion at C5 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115D	Complete lesion at C5 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.115S	Complete lesion at C5 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.116	Complete lesion at C6 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116D	Complete lesion at C6 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.116S	Complete lesion at C6 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.117	Complete lesion at C7 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117D	Complete lesion at C7 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.117S	Complete lesion at C7 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.118	Complete lesion at C8 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.118A	Complete lesion at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.118D	Complete lesion at C8 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.118S	Complete lesion at C8 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.119	Complete lesion at unspecified level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.119A	Complete lesion at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S14.119D	Complete lesion at unspecified level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.119S	Complete lesion at unspecified level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.12	Central cord syndrome of cervical spinal cord	Diagnosis	ICD-10-CM
S14.121	Central cord syndrome at C1 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121D	Central cord syndrome at C1 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.121S	Central cord syndrome at C1 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.122	Central cord syndrome at C2 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122D	Central cord syndrome at C2 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.122S	Central cord syndrome at C2 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.123	Central cord syndrome at C3 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123D	Central cord syndrome at C3 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.123S	Central cord syndrome at C3 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.124	Central cord syndrome at C4 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124D	Central cord syndrome at C4 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.124S	Central cord syndrome at C4 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.125	Central cord syndrome at C5 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125D	Central cord syndrome at C5 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.125S	Central cord syndrome at C5 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.126	Central cord syndrome at C6 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126D	Central cord syndrome at C6 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.126S	Central cord syndrome at C6 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.127	Central cord syndrome at C7 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127D	Central cord syndrome at C7 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.127S	Central cord syndrome at C7 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.128	Central cord syndrome at C8 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.128A	Central cord syndrome at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.128D	Central cord syndrome at C8 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.128S	Central cord syndrome at C8 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.129	Central cord syndrome at unspecified level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.129A	Central cord syndrome at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.129D	Central cord syndrome at unspecified level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.129S	Central cord syndrome at unspecified level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.13	Anterior cord syndrome of cervical spinal cord	Diagnosis	ICD-10-CM
S14.131	Anterior cord syndrome at C1 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S14.131D	Anterior cord syndrome at C1 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.131S	Anterior cord syndrome at C1 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.132	Anterior cord syndrome at C2 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132D	Anterior cord syndrome at C2 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.132S	Anterior cord syndrome at C2 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.133	Anterior cord syndrome at C3 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133D	Anterior cord syndrome at C3 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.133S	Anterior cord syndrome at C3 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.134	Anterior cord syndrome at C4 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134D	Anterior cord syndrome at C4 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.134S	Anterior cord syndrome at C4 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.135	Anterior cord syndrome at C5 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135D	Anterior cord syndrome at C5 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.135S	Anterior cord syndrome at C5 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.136	Anterior cord syndrome at C6 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136D	Anterior cord syndrome at C6 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.136S	Anterior cord syndrome at C6 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.137	Anterior cord syndrome at C7 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137D	Anterior cord syndrome at C7 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.137S	Anterior cord syndrome at C7 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.138	Anterior cord syndrome at C8 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.138A	Anterior cord syndrome at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.138D	Anterior cord syndrome at C8 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.138S	Anterior cord syndrome at C8 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.139	Anterior cord syndrome at unspecified level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.139A	Anterior cord syndrome at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.139D	Anterior cord syndrome at unspecified level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.139S	Anterior cord syndrome at unspecified level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.14	Brown-Sequard syndrome of cervical spinal cord	Diagnosis	ICD-10-CM
S14.141	Brown-Sequard syndrome at C1 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.141A	Brown-Sequard syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.141D	Brown-Sequard syndrome at C1 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.141S	Brown-Sequard syndrome at C1 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.142	Brown-Sequard syndrome at C2 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.142A	Brown-Sequard syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S14.142D	Brown-Sequard syndrome at C2 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.142S	Brown-Sequard syndrome at C2 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.143	Brown-Sequard syndrome at C3 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.143A	Brown-Sequard syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.143D	Brown-Sequard syndrome at C3 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.143S	Brown-Sequard syndrome at C3 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.144	Brown-Sequard syndrome at C4 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.144A	Brown-Sequard syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.144D	Brown-Sequard syndrome at C4 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.144S	Brown-Sequard syndrome at C4 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.145	Brown-Sequard syndrome at C5 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.145A	Brown-Sequard syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.145D	Brown-Sequard syndrome at C5 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.145S	Brown-Sequard syndrome at C5 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.146	Brown-Sequard syndrome at C6 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.146A	Brown-Sequard syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.146D	Brown-Sequard syndrome at C6 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.146S	Brown-Sequard syndrome at C6 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.147	Brown-Sequard syndrome at C7 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.147A	Brown-Sequard syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.147D	Brown-Sequard syndrome at C7 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.147S	Brown-Sequard syndrome at C7 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.148	Brown-Sequard syndrome at C8 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.148A	Brown-Sequard syndrome at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.148D	Brown-Sequard syndrome at C8 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.148S	Brown-Sequard syndrome at C8 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.149	Brown-Sequard syndrome at unspecified level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.149A	Brown-Sequard syndrome at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.149D	Brown-Sequard syndrome at unspecified level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.149S	Brown-Sequard syndrome at unspecified level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.15	Other incomplete lesions of cervical spinal cord	Diagnosis	ICD-10-CM
S14.151	Other incomplete lesion at C1 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151D	Other incomplete lesion at C1 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.151S	Other incomplete lesion at C1 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.152	Other incomplete lesion at C2 level of cervical spinal cord	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152D	Other incomplete lesion at C2 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.152S	Other incomplete lesion at C2 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.153	Other incomplete lesion at C3 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.153D	Other incomplete lesion at C3 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.153S	Other incomplete lesion at C3 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.154	Other incomplete lesion at C4 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154D	Other incomplete lesion at C4 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.154S	Other incomplete lesion at C4 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.155	Other incomplete lesion at C5 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155D	Other incomplete lesion at C5 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.155S	Other incomplete lesion at C5 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.156	Other incomplete lesion at C6 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156D	Other incomplete lesion at C6 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.156S	Other incomplete lesion at C6 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.157	Other incomplete lesion at C7 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.157D	Other incomplete lesion at C7 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.157S	Other incomplete lesion at C7 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.158	Other incomplete lesion at C8 level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.158A	Other incomplete lesion at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.158D	Other incomplete lesion at C8 level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.158S	Other incomplete lesion at C8 level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.159	Other incomplete lesion at unspecified level of cervical spinal cord	Diagnosis	ICD-10-CM
S14.159A	Other incomplete lesion at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.159D	Other incomplete lesion at unspecified level of cervical spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S14.159S	Other incomplete lesion at unspecified level of cervical spinal cord, sequela	Diagnosis	ICD-10-CM
S14.2	Injury of nerve root of cervical spine	Diagnosis	ICD-10-CM
S14.2XXA	Injury of nerve root of cervical spine, initial encounter	Diagnosis	ICD-10-CM
S14.2XXD	Injury of nerve root of cervical spine, subsequent encounter	Diagnosis	ICD-10-CM
S14.2XXS	Injury of nerve root of cervical spine, sequela	Diagnosis	ICD-10-CM
S14.3	Injury of brachial plexus	Diagnosis	ICD-10-CM
S14.3XXA	Injury of brachial plexus, initial encounter	Diagnosis	ICD-10-CM
S14.3XXD	Injury of brachial plexus, subsequent encounter	Diagnosis	ICD-10-CM
S14.3XXS	Injury of brachial plexus, sequela	Diagnosis	ICD-10-CM
S14.4	Injury of peripheral nerves of neck	Diagnosis	ICD-10-CM
S14.4XXA	Injury of peripheral nerves of neck, initial encounter	Diagnosis	ICD-10-CM
S14.4XXD	Injury of peripheral nerves of neck, subsequent encounter	Diagnosis	ICD-10-CM
S14.4XXS	Injury of peripheral nerves of neck, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S14.5	Injury of cervical sympathetic nerves	Diagnosis	ICD-10-CM
S14.5XXA	Injury of cervical sympathetic nerves, initial encounter	Diagnosis	ICD-10-CM
S14.5XXD	Injury of cervical sympathetic nerves, subsequent encounter	Diagnosis	ICD-10-CM
S14.5XXS	Injury of cervical sympathetic nerves, sequela	Diagnosis	ICD-10-CM
S14.8	Injury of other specified nerves of neck	Diagnosis	ICD-10-CM
S14.8XXA	Injury of other specified nerves of neck, initial encounter	Diagnosis	ICD-10-CM
S14.8XXD	Injury of other specified nerves of neck, subsequent encounter	Diagnosis	ICD-10-CM
S14.8XXS	Injury of other specified nerves of neck, sequela	Diagnosis	ICD-10-CM
S14.9	Injury of unspecified nerves of neck	Diagnosis	ICD-10-CM
S14.9XXA	Injury of unspecified nerves of neck, initial encounter	Diagnosis	ICD-10-CM
S14.9XXD	Injury of unspecified nerves of neck, subsequent encounter	Diagnosis	ICD-10-CM
S14.9XXS	Injury of unspecified nerves of neck, sequela	Diagnosis	ICD-10-CM
S15	Injury of blood vessels at neck level	Diagnosis	ICD-10-CM
S15.0	Injury of carotid artery of neck	Diagnosis	ICD-10-CM
S15.00	Unspecified injury of carotid artery	Diagnosis	ICD-10-CM
S15.001	Unspecified injury of right carotid artery	Diagnosis	ICD-10-CM
S15.001A	Unspecified injury of right carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.001D	Unspecified injury of right carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.001S	Unspecified injury of right carotid artery, sequela	Diagnosis	ICD-10-CM
S15.002	Unspecified injury of left carotid artery	Diagnosis	ICD-10-CM
S15.002A	Unspecified injury of left carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.002D	Unspecified injury of left carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.002S	Unspecified injury of left carotid artery, sequela	Diagnosis	ICD-10-CM
S15.009	Unspecified injury of unspecified carotid artery	Diagnosis	ICD-10-CM
S15.009A	Unspecified injury of unspecified carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.009D	Unspecified injury of unspecified carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.009S	Unspecified injury of unspecified carotid artery, sequela	Diagnosis	ICD-10-CM
S15.01	Minor laceration of carotid artery	Diagnosis	ICD-10-CM
S15.011	Minor laceration of right carotid artery	Diagnosis	ICD-10-CM
S15.011A	Minor laceration of right carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.011D	Minor laceration of right carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.011S	Minor laceration of right carotid artery, sequela	Diagnosis	ICD-10-CM
S15.012	Minor laceration of left carotid artery	Diagnosis	ICD-10-CM
S15.012A	Minor laceration of left carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.012D	Minor laceration of left carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.012S	Minor laceration of left carotid artery, sequela	Diagnosis	ICD-10-CM
S15.019	Minor laceration of unspecified carotid artery	Diagnosis	ICD-10-CM
S15.019A	Minor laceration of unspecified carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.019D	Minor laceration of unspecified carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.019S	Minor laceration of unspecified carotid artery, sequela	Diagnosis	ICD-10-CM
S15.02	Major laceration of carotid artery	Diagnosis	ICD-10-CM
S15.021	Major laceration of right carotid artery	Diagnosis	ICD-10-CM
S15.021A	Major laceration of right carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.021D	Major laceration of right carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.021S	Major laceration of right carotid artery, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S15.022	Major laceration of left carotid artery	Diagnosis	ICD-10-CM
S15.022A	Major laceration of left carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.022D	Major laceration of left carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.022S	Major laceration of left carotid artery, sequela	Diagnosis	ICD-10-CM
S15.029	Major laceration of unspecified carotid artery	Diagnosis	ICD-10-CM
S15.029A	Major laceration of unspecified carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.029D	Major laceration of unspecified carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.029S	Major laceration of unspecified carotid artery, sequela	Diagnosis	ICD-10-CM
S15.09	Other specified injury of carotid artery	Diagnosis	ICD-10-CM
S15.091	Other specified injury of right carotid artery	Diagnosis	ICD-10-CM
S15.091A	Other specified injury of right carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.091D	Other specified injury of right carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.091S	Other specified injury of right carotid artery, sequela	Diagnosis	ICD-10-CM
S15.092	Other specified injury of left carotid artery	Diagnosis	ICD-10-CM
S15.092A	Other specified injury of left carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.092D	Other specified injury of left carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.092S	Other specified injury of left carotid artery, sequela	Diagnosis	ICD-10-CM
S15.099	Other specified injury of unspecified carotid artery	Diagnosis	ICD-10-CM
S15.099A	Other specified injury of unspecified carotid artery, initial encounter	Diagnosis	ICD-10-CM
S15.099D	Other specified injury of unspecified carotid artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.099S	Other specified injury of unspecified carotid artery, sequela	Diagnosis	ICD-10-CM
S15.1	Injury of vertebral artery	Diagnosis	ICD-10-CM
S15.10	Unspecified injury of vertebral artery	Diagnosis	ICD-10-CM
S15.101	Unspecified injury of right vertebral artery	Diagnosis	ICD-10-CM
S15.101A	Unspecified injury of right vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.101D	Unspecified injury of right vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.101S	Unspecified injury of right vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.102	Unspecified injury of left vertebral artery	Diagnosis	ICD-10-CM
S15.102A	Unspecified injury of left vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.102D	Unspecified injury of left vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.102S	Unspecified injury of left vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.109	Unspecified injury of unspecified vertebral artery	Diagnosis	ICD-10-CM
S15.109A	Unspecified injury of unspecified vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.109D	Unspecified injury of unspecified vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.109S	Unspecified injury of unspecified vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.11	Minor laceration of vertebral artery	Diagnosis	ICD-10-CM
S15.111	Minor laceration of right vertebral artery	Diagnosis	ICD-10-CM
S15.111A	Minor laceration of right vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.111D	Minor laceration of right vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.111S	Minor laceration of right vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.112	Minor laceration of left vertebral artery	Diagnosis	ICD-10-CM
S15.112A	Minor laceration of left vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.112D	Minor laceration of left vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.112S	Minor laceration of left vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.119	Minor laceration of unspecified vertebral artery	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S15.119A	Minor laceration of unspecified vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.119D	Minor laceration of unspecified vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.119S	Minor laceration of unspecified vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.12	Major laceration of vertebral artery	Diagnosis	ICD-10-CM
S15.121	Major laceration of right vertebral artery	Diagnosis	ICD-10-CM
S15.121A	Major laceration of right vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.121D	Major laceration of right vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.121S	Major laceration of right vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.122	Major laceration of left vertebral artery	Diagnosis	ICD-10-CM
S15.122A	Major laceration of left vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.122D	Major laceration of left vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.122S	Major laceration of left vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.129	Major laceration of unspecified vertebral artery	Diagnosis	ICD-10-CM
S15.129A	Major laceration of unspecified vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.129D	Major laceration of unspecified vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.129S	Major laceration of unspecified vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.19	Other specified injury of vertebral artery	Diagnosis	ICD-10-CM
S15.191	Other specified injury of right vertebral artery	Diagnosis	ICD-10-CM
S15.191A	Other specified injury of right vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.191D	Other specified injury of right vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.191S	Other specified injury of right vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.192	Other specified injury of left vertebral artery	Diagnosis	ICD-10-CM
S15.192A	Other specified injury of left vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.192D	Other specified injury of left vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.192S	Other specified injury of left vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.199	Other specified injury of unspecified vertebral artery	Diagnosis	ICD-10-CM
S15.199A	Other specified injury of unspecified vertebral artery, initial encounter	Diagnosis	ICD-10-CM
S15.199D	Other specified injury of unspecified vertebral artery, subsequent encounter	Diagnosis	ICD-10-CM
S15.199S	Other specified injury of unspecified vertebral artery, sequela	Diagnosis	ICD-10-CM
S15.2	Injury of external jugular vein	Diagnosis	ICD-10-CM
S15.20	Unspecified injury of external jugular vein	Diagnosis	ICD-10-CM
S15.201	Unspecified injury of right external jugular vein	Diagnosis	ICD-10-CM
S15.201A	Unspecified injury of right external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.201D	Unspecified injury of right external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.201S	Unspecified injury of right external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.202	Unspecified injury of left external jugular vein	Diagnosis	ICD-10-CM
S15.202A	Unspecified injury of left external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.202D	Unspecified injury of left external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.202S	Unspecified injury of left external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.209	Unspecified injury of unspecified external jugular vein	Diagnosis	ICD-10-CM
S15.209A	Unspecified injury of unspecified external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.209D	Unspecified injury of unspecified external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.209S	Unspecified injury of unspecified external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.21	Minor laceration of external jugular vein	Diagnosis	ICD-10-CM
S15.211	Minor laceration of right external jugular vein	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S15.211A	Minor laceration of right external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.211D	Minor laceration of right external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.211S	Minor laceration of right external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.212	Minor laceration of left external jugular vein	Diagnosis	ICD-10-CM
S15.212A	Minor laceration of left external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.212D	Minor laceration of left external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.212S	Minor laceration of left external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.219	Minor laceration of unspecified external jugular vein	Diagnosis	ICD-10-CM
S15.219A	Minor laceration of unspecified external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.219D	Minor laceration of unspecified external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.219S	Minor laceration of unspecified external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.22	Major laceration of external jugular vein	Diagnosis	ICD-10-CM
S15.221	Major laceration of right external jugular vein	Diagnosis	ICD-10-CM
S15.221A	Major laceration of right external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.221D	Major laceration of right external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.221S	Major laceration of right external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.222	Major laceration of left external jugular vein	Diagnosis	ICD-10-CM
S15.222A	Major laceration of left external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.222D	Major laceration of left external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.222S	Major laceration of left external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.229	Major laceration of unspecified external jugular vein	Diagnosis	ICD-10-CM
S15.229A	Major laceration of unspecified external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.229D	Major laceration of unspecified external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.229S	Major laceration of unspecified external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.29	Other specified injury of external jugular vein	Diagnosis	ICD-10-CM
S15.291	Other specified injury of right external jugular vein	Diagnosis	ICD-10-CM
S15.291A	Other specified injury of right external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.291D	Other specified injury of right external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.291S	Other specified injury of right external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.292	Other specified injury of left external jugular vein	Diagnosis	ICD-10-CM
S15.292A	Other specified injury of left external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.292D	Other specified injury of left external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.292S	Other specified injury of left external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.299	Other specified injury of unspecified external jugular vein	Diagnosis	ICD-10-CM
S15.299A	Other specified injury of unspecified external jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.299D	Other specified injury of unspecified external jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.299S	Other specified injury of unspecified external jugular vein, sequela	Diagnosis	ICD-10-CM
S15.3	Injury of internal jugular vein	Diagnosis	ICD-10-CM
S15.30	Unspecified injury of internal jugular vein	Diagnosis	ICD-10-CM
S15.301	Unspecified injury of right internal jugular vein	Diagnosis	ICD-10-CM
S15.301A	Unspecified injury of right internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.301D	Unspecified injury of right internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.301S	Unspecified injury of right internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.302	Unspecified injury of left internal jugular vein	Diagnosis	ICD-10-CM
S15.302A	Unspecified injury of left internal jugular vein, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S15.302D	Unspecified injury of left internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.302S	Unspecified injury of left internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.309	Unspecified injury of unspecified internal jugular vein	Diagnosis	ICD-10-CM
S15.309A	Unspecified injury of unspecified internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.309D	Unspecified injury of unspecified internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.309S	Unspecified injury of unspecified internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.31	Minor laceration of internal jugular vein	Diagnosis	ICD-10-CM
S15.311	Minor laceration of right internal jugular vein	Diagnosis	ICD-10-CM
S15.311A	Minor laceration of right internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.311D	Minor laceration of right internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.311S	Minor laceration of right internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.312	Minor laceration of left internal jugular vein	Diagnosis	ICD-10-CM
S15.312A	Minor laceration of left internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.312D	Minor laceration of left internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.312S	Minor laceration of left internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.319	Minor laceration of unspecified internal jugular vein	Diagnosis	ICD-10-CM
S15.319A	Minor laceration of unspecified internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.319D	Minor laceration of unspecified internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.319S	Minor laceration of unspecified internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.32	Major laceration of internal jugular vein	Diagnosis	ICD-10-CM
S15.321	Major laceration of right internal jugular vein	Diagnosis	ICD-10-CM
S15.321A	Major laceration of right internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.321D	Major laceration of right internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.321S	Major laceration of right internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.322	Major laceration of left internal jugular vein	Diagnosis	ICD-10-CM
S15.322A	Major laceration of left internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.322D	Major laceration of left internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.322S	Major laceration of left internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.329	Major laceration of unspecified internal jugular vein	Diagnosis	ICD-10-CM
S15.329A	Major laceration of unspecified internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.329D	Major laceration of unspecified internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.329S	Major laceration of unspecified internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.39	Other specified injury of internal jugular vein	Diagnosis	ICD-10-CM
S15.391	Other specified injury of right internal jugular vein	Diagnosis	ICD-10-CM
S15.391A	Other specified injury of right internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.391D	Other specified injury of right internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.391S	Other specified injury of right internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.392	Other specified injury of left internal jugular vein	Diagnosis	ICD-10-CM
S15.392A	Other specified injury of left internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.392D	Other specified injury of left internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.392S	Other specified injury of left internal jugular vein, sequela	Diagnosis	ICD-10-CM
S15.399	Other specified injury of unspecified internal jugular vein	Diagnosis	ICD-10-CM
S15.399A	Other specified injury of unspecified internal jugular vein, initial encounter	Diagnosis	ICD-10-CM
S15.399D	Other specified injury of unspecified internal jugular vein, subsequent encounter	Diagnosis	ICD-10-CM
S15.399S	Other specified injury of unspecified internal jugular vein, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S15.8	Injury of other specified blood vessels at neck level	Diagnosis	ICD-10-CM
S15.8XXA	Injury of other specified blood vessels at neck level, initial encounter	Diagnosis	ICD-10-CM
S15.8XXD	Injury of other specified blood vessels at neck level, subsequent encounter	Diagnosis	ICD-10-CM
S15.8XXS	Injury of other specified blood vessels at neck level, sequela	Diagnosis	ICD-10-CM
S15.9	Injury of unspecified blood vessel at neck level	Diagnosis	ICD-10-CM
S15.9XXA	Injury of unspecified blood vessel at neck level, initial encounter	Diagnosis	ICD-10-CM
S15.9XXD	Injury of unspecified blood vessel at neck level, subsequent encounter	Diagnosis	ICD-10-CM
S15.9XXS	Injury of unspecified blood vessel at neck level, sequela	Diagnosis	ICD-10-CM
S16	Injury of muscle, fascia and tendon at neck level	Diagnosis	ICD-10-CM
S16.1	Strain of muscle, fascia and tendon at neck level	Diagnosis	ICD-10-CM
S16.1XXA	Strain of muscle, fascia and tendon at neck level, initial encounter	Diagnosis	ICD-10-CM
S16.1XXD	Strain of muscle, fascia and tendon at neck level, subsequent encounter	Diagnosis	ICD-10-CM
S16.1XXS	Strain of muscle, fascia and tendon at neck level, sequela	Diagnosis	ICD-10-CM
S16.2	Laceration of muscle, fascia and tendon at neck level	Diagnosis	ICD-10-CM
S16.2XXA	Laceration of muscle, fascia and tendon at neck level, initial encounter	Diagnosis	ICD-10-CM
S16.2XXD	Laceration of muscle, fascia and tendon at neck level, subsequent encounter	Diagnosis	ICD-10-CM
S16.2XXS	Laceration of muscle, fascia and tendon at neck level, sequela	Diagnosis	ICD-10-CM
S16.8	Other specified injury of muscle, fascia and tendon at neck level	Diagnosis	ICD-10-CM
S16.8XXA	Other specified injury of muscle, fascia and tendon at neck level, initial encounter	Diagnosis	ICD-10-CM
S16.8XXD	Other specified injury of muscle, fascia and tendon at neck level, subsequent encounter	Diagnosis	ICD-10-CM
S16.8XXS	Other specified injury of muscle, fascia and tendon at neck level, sequela	Diagnosis	ICD-10-CM
S16.9	Unspecified injury of muscle, fascia and tendon at neck level	Diagnosis	ICD-10-CM
S16.9XXA	Unspecified injury of muscle, fascia and tendon at neck level, initial encounter	Diagnosis	ICD-10-CM
S16.9XXD	Unspecified injury of muscle, fascia and tendon at neck level, subsequent encounter	Diagnosis	ICD-10-CM
S16.9XXS	Unspecified injury of muscle, fascia and tendon at neck level, sequela	Diagnosis	ICD-10-CM
S17	Crushing injury of neck	Diagnosis	ICD-10-CM
S17.0	Crushing injury of larynx and trachea	Diagnosis	ICD-10-CM
S17.0XXA	Crushing injury of larynx and trachea, initial encounter	Diagnosis	ICD-10-CM
S17.0XXD	Crushing injury of larynx and trachea, subsequent encounter	Diagnosis	ICD-10-CM
S17.0XXS	Crushing injury of larynx and trachea, sequela	Diagnosis	ICD-10-CM
S17.8	Crushing injury of other specified parts of neck	Diagnosis	ICD-10-CM
S17.8XXA	Crushing injury of other specified parts of neck, initial encounter	Diagnosis	ICD-10-CM
S17.8XXD	Crushing injury of other specified parts of neck, subsequent encounter	Diagnosis	ICD-10-CM
S17.8XXS	Crushing injury of other specified parts of neck, sequela	Diagnosis	ICD-10-CM
S17.9	Crushing injury of neck, part unspecified	Diagnosis	ICD-10-CM
S17.9XXA	Crushing injury of neck, part unspecified, initial encounter	Diagnosis	ICD-10-CM
S17.9XXD	Crushing injury of neck, part unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S17.9XXS	Crushing injury of neck, part unspecified, sequela	Diagnosis	ICD-10-CM
S19	Other specified and unspecified injuries of neck	Diagnosis	ICD-10-CM
S19.8	Other specified injuries of neck	Diagnosis	ICD-10-CM
S19.80	Other specified injuries of unspecified part of neck	Diagnosis	ICD-10-CM
S19.80XA	Other specified injuries of unspecified part of neck, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S19.80XD	Other specified injuries of unspecified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S19.80XS	Other specified injuries of unspecified part of neck, sequela	Diagnosis	ICD-10-CM
S19.81	Other specified injuries of larynx	Diagnosis	ICD-10-CM
S19.81XA	Other specified injuries of larynx, initial encounter	Diagnosis	ICD-10-CM
S19.81XD	Other specified injuries of larynx, subsequent encounter	Diagnosis	ICD-10-CM
S19.81XS	Other specified injuries of larynx, sequela	Diagnosis	ICD-10-CM
S19.82	Other specified injuries of cervical trachea	Diagnosis	ICD-10-CM
S19.82XA	Other specified injuries of cervical trachea, initial encounter	Diagnosis	ICD-10-CM
S19.82XD	Other specified injuries of cervical trachea, subsequent encounter	Diagnosis	ICD-10-CM
S19.82XS	Other specified injuries of cervical trachea, sequela	Diagnosis	ICD-10-CM
S19.83	Other specified injuries of vocal cord	Diagnosis	ICD-10-CM
S19.83XA	Other specified injuries of vocal cord, initial encounter	Diagnosis	ICD-10-CM
S19.83XD	Other specified injuries of vocal cord, subsequent encounter	Diagnosis	ICD-10-CM
S19.83XS	Other specified injuries of vocal cord, sequela	Diagnosis	ICD-10-CM
S19.84	Other specified injuries of thyroid gland	Diagnosis	ICD-10-CM
S19.84XA	Other specified injuries of thyroid gland, initial encounter	Diagnosis	ICD-10-CM
S19.84XD	Other specified injuries of thyroid gland, subsequent encounter	Diagnosis	ICD-10-CM
S19.84XS	Other specified injuries of thyroid gland, sequela	Diagnosis	ICD-10-CM
S19.85	Other specified injuries of pharynx and cervical esophagus	Diagnosis	ICD-10-CM
S19.85XA	Other specified injuries of pharynx and cervical esophagus, initial encounter	Diagnosis	ICD-10-CM
S19.85XD	Other specified injuries of pharynx and cervical esophagus, subsequent encounter	Diagnosis	ICD-10-CM
S19.85XS	Other specified injuries of pharynx and cervical esophagus, sequela	Diagnosis	ICD-10-CM
S19.89	Other specified injuries of other specified part of neck	Diagnosis	ICD-10-CM
S19.89XA	Other specified injuries of other specified part of neck, initial encounter	Diagnosis	ICD-10-CM
S19.89XD	Other specified injuries of other specified part of neck, subsequent encounter	Diagnosis	ICD-10-CM
S19.89XS	Other specified injuries of other specified part of neck, sequela	Diagnosis	ICD-10-CM
S19.9	Unspecified injury of neck	Diagnosis	ICD-10-CM
S19.9XXA	Unspecified injury of neck, initial encounter	Diagnosis	ICD-10-CM
S19.9XXD	Unspecified injury of neck, subsequent encounter	Diagnosis	ICD-10-CM
S19.9XXS	Unspecified injury of neck, sequela	Diagnosis	ICD-10-CM
S20	Superficial injury of thorax	Diagnosis	ICD-10-CM
S20.0	Contusion of breast	Diagnosis	ICD-10-CM
S20.00	Contusion of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.00XA	Contusion of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.00XD	Contusion of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.00XS	Contusion of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.01	Contusion of right breast	Diagnosis	ICD-10-CM
S20.01XA	Contusion of right breast, initial encounter	Diagnosis	ICD-10-CM
S20.01XD	Contusion of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.01XS	Contusion of right breast, sequela	Diagnosis	ICD-10-CM
S20.02	Contusion of left breast	Diagnosis	ICD-10-CM
S20.02XA	Contusion of left breast, initial encounter	Diagnosis	ICD-10-CM
S20.02XD	Contusion of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.02XS	Contusion of left breast, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S20.1	Other and unspecified superficial injuries of breast	Diagnosis	ICD-10-CM
S20.10	Unspecified superficial injuries of breast	Diagnosis	ICD-10-CM
S20.101	Unspecified superficial injuries of breast, right breast	Diagnosis	ICD-10-CM
S20.101A	Unspecified superficial injuries of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.101D	Unspecified superficial injuries of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.101S	Unspecified superficial injuries of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.102	Unspecified superficial injuries of breast, left breast	Diagnosis	ICD-10-CM
S20.102A	Unspecified superficial injuries of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.102D	Unspecified superficial injuries of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.102S	Unspecified superficial injuries of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.109	Unspecified superficial injuries of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.109A	Unspecified superficial injuries of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.109D	Unspecified superficial injuries of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.109S	Unspecified superficial injuries of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.11	Abrasion of breast	Diagnosis	ICD-10-CM
S20.111	Abrasion of breast, right breast	Diagnosis	ICD-10-CM
S20.111A	Abrasion of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.111D	Abrasion of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.111S	Abrasion of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.112	Abrasion of breast, left breast	Diagnosis	ICD-10-CM
S20.112A	Abrasion of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.112D	Abrasion of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.112S	Abrasion of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.119	Abrasion of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.119A	Abrasion of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.119D	Abrasion of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.119S	Abrasion of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.12	Blister (nonthermal) of breast	Diagnosis	ICD-10-CM
S20.121	Blister (nonthermal) of breast, right breast	Diagnosis	ICD-10-CM
S20.121A	Blister (nonthermal) of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.121D	Blister (nonthermal) of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.121S	Blister (nonthermal) of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.122	Blister (nonthermal) of breast, left breast	Diagnosis	ICD-10-CM
S20.122A	Blister (nonthermal) of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.122D	Blister (nonthermal) of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.122S	Blister (nonthermal) of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.129	Blister (nonthermal) of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.129A	Blister (nonthermal) of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.129D	Blister (nonthermal) of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.129S	Blister (nonthermal) of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.14	External constriction of part of breast	Diagnosis	ICD-10-CM
S20.141	External constriction of part of breast, right breast	Diagnosis	ICD-10-CM
S20.141A	External constriction of part of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.141D	External constriction of part of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S20.141S	External constriction of part of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.142	External constriction of part of breast, left breast	Diagnosis	ICD-10-CM
S20.142A	External constriction of part of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.142D	External constriction of part of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.142S	External constriction of part of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.149	External constriction of part of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.149A	External constriction of part of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.149D	External constriction of part of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.149S	External constriction of part of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.15	Superficial foreign body of breast	Diagnosis	ICD-10-CM
S20.151	Superficial foreign body of breast, right breast	Diagnosis	ICD-10-CM
S20.151A	Superficial foreign body of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.151D	Superficial foreign body of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.151S	Superficial foreign body of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.152	Superficial foreign body of breast, left breast	Diagnosis	ICD-10-CM
S20.152A	Superficial foreign body of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.152D	Superficial foreign body of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.152S	Superficial foreign body of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.159	Superficial foreign body of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.159A	Superficial foreign body of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.159D	Superficial foreign body of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.159S	Superficial foreign body of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.16	Insect bite (nonvenomous) of breast	Diagnosis	ICD-10-CM
S20.161	Insect bite (nonvenomous) of breast, right breast	Diagnosis	ICD-10-CM
S20.161A	Insect bite (nonvenomous) of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.161D	Insect bite (nonvenomous) of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.161S	Insect bite (nonvenomous) of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.162	Insect bite (nonvenomous) of breast, left breast	Diagnosis	ICD-10-CM
S20.162A	Insect bite (nonvenomous) of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.162D	Insect bite (nonvenomous) of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.162S	Insect bite (nonvenomous) of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.169	Insect bite (nonvenomous) of breast, unspecified breast	Diagnosis	ICD-10-CM
S20.169A	Insect bite (nonvenomous) of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.169D	Insect bite (nonvenomous) of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.169S	Insect bite (nonvenomous) of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.17	Other superficial bite of breast	Diagnosis	ICD-10-CM
S20.171	Other superficial bite of breast, right breast	Diagnosis	ICD-10-CM
S20.171A	Other superficial bite of breast, right breast, initial encounter	Diagnosis	ICD-10-CM
S20.171D	Other superficial bite of breast, right breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.171S	Other superficial bite of breast, right breast, sequela	Diagnosis	ICD-10-CM
S20.172	Other superficial bite of breast, left breast	Diagnosis	ICD-10-CM
S20.172A	Other superficial bite of breast, left breast, initial encounter	Diagnosis	ICD-10-CM
S20.172D	Other superficial bite of breast, left breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.172S	Other superficial bite of breast, left breast, sequela	Diagnosis	ICD-10-CM
S20.179	Other superficial bite of breast, unspecified breast	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S20.179A	Other superficial bite of breast, unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S20.179D	Other superficial bite of breast, unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S20.179S	Other superficial bite of breast, unspecified breast, sequela	Diagnosis	ICD-10-CM
S20.2	Contusion of thorax	Diagnosis	ICD-10-CM
S20.20	Contusion of thorax, unspecified	Diagnosis	ICD-10-CM
S20.20XA	Contusion of thorax, unspecified, initial encounter	Diagnosis	ICD-10-CM
S20.20XD	Contusion of thorax, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S20.20XS	Contusion of thorax, unspecified, sequela	Diagnosis	ICD-10-CM
S20.21	Contusion of front wall of thorax	Diagnosis	ICD-10-CM
S20.211	Contusion of right front wall of thorax	Diagnosis	ICD-10-CM
S20.211A	Contusion of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.211D	Contusion of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.211S	Contusion of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.212	Contusion of left front wall of thorax	Diagnosis	ICD-10-CM
S20.212A	Contusion of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.212D	Contusion of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.212S	Contusion of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.213	Contusion of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.213A	Contusion of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.213D	Contusion of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.213S	Contusion of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.214	Contusion of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.214A	Contusion of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.214D	Contusion of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.214S	Contusion of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.219	Contusion of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.219A	Contusion of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.219D	Contusion of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.219S	Contusion of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.22	Contusion of back wall of thorax	Diagnosis	ICD-10-CM
S20.221	Contusion of right back wall of thorax	Diagnosis	ICD-10-CM
S20.221A	Contusion of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.221D	Contusion of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.221S	Contusion of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.222	Contusion of left back wall of thorax	Diagnosis	ICD-10-CM
S20.222A	Contusion of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.222D	Contusion of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.222S	Contusion of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.223	Contusion of bilateral back wall of thorax	Diagnosis	ICD-10-CM
S20.223A	Contusion of bilateral back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.223D	Contusion of bilateral back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.223S	Contusion of bilateral back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.224	Contusion of middle back wall of thorax	Diagnosis	ICD-10-CM
S20.224A	Contusion of middle back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.224D	Contusion of middle back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S20.224S	Contusion of middle back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.229	Contusion of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.229A	Contusion of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.229D	Contusion of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.229S	Contusion of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.3	Other and unspecified superficial injuries of front wall of thorax	Diagnosis	ICD-10-CM
S20.30	Unspecified superficial injuries of front wall of thorax	Diagnosis	ICD-10-CM
S20.301	Unspecified superficial injuries of right front wall of thorax	Diagnosis	ICD-10-CM
S20.301A	Unspecified superficial injuries of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.301D	Unspecified superficial injuries of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.301S	Unspecified superficial injuries of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.302	Unspecified superficial injuries of left front wall of thorax	Diagnosis	ICD-10-CM
S20.302A	Unspecified superficial injuries of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.302D	Unspecified superficial injuries of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.302S	Unspecified superficial injuries of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.303	Unspecified superficial injuries of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.303A	Unspecified superficial injuries of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.303D	Unspecified superficial injuries of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.303S	Unspecified superficial injuries of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.304	Unspecified superficial injuries of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.304A	Unspecified superficial injuries of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.304D	Unspecified superficial injuries of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.304S	Unspecified superficial injuries of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.309	Unspecified superficial injuries of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.309A	Unspecified superficial injuries of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.309D	Unspecified superficial injuries of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.309S	Unspecified superficial injuries of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.31	Abrasion of front wall of thorax	Diagnosis	ICD-10-CM
S20.311	Abrasion of right front wall of thorax	Diagnosis	ICD-10-CM
S20.311A	Abrasion of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.311D	Abrasion of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.311S	Abrasion of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.312	Abrasion of left front wall of thorax	Diagnosis	ICD-10-CM
S20.312A	Abrasion of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.312D	Abrasion of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.312S	Abrasion of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.313	Abrasion of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.313A	Abrasion of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.313D	Abrasion of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S20.313S	Abrasion of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.314	Abrasion of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.314A	Abrasion of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.314D	Abrasion of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.314S	Abrasion of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.319	Abrasion of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.319A	Abrasion of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.319D	Abrasion of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.319S	Abrasion of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.32	Blister (nonthermal) of front wall of thorax	Diagnosis	ICD-10-CM
S20.321	Blister (nonthermal) of right front wall of thorax	Diagnosis	ICD-10-CM
S20.321A	Blister (nonthermal) of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.321D	Blister (nonthermal) of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.321S	Blister (nonthermal) of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.322	Blister (nonthermal) of left front wall of thorax	Diagnosis	ICD-10-CM
S20.322A	Blister (nonthermal) of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.322D	Blister (nonthermal) of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.322S	Blister (nonthermal) of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.323	Blister (nonthermal) of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.323A	Blister (nonthermal) of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.323D	Blister (nonthermal) of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.323S	Blister (nonthermal) of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.324	Blister (nonthermal) of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.324A	Blister (nonthermal) of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.324D	Blister (nonthermal) of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.324S	Blister (nonthermal) of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.329	Blister (nonthermal) of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.329A	Blister (nonthermal) of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.329D	Blister (nonthermal) of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.329S	Blister (nonthermal) of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.34	External constriction of front wall of thorax	Diagnosis	ICD-10-CM
S20.341	External constriction of right front wall of thorax	Diagnosis	ICD-10-CM
S20.341A	External constriction of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.341D	External constriction of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.341S	External constriction of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.342	External constriction of left front wall of thorax	Diagnosis	ICD-10-CM
S20.342A	External constriction of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.342D	External constriction of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.342S	External constriction of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.343	External constriction of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.343A	External constriction of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.343D	External constriction of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.343S	External constriction of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.344	External constriction of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.344A	External constriction of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S20.344D	External constriction of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.344S	External constriction of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.349	External constriction of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.349A	External constriction of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.349D	External constriction of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.349S	External constriction of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.35	Superficial foreign body of front wall of thorax	Diagnosis	ICD-10-CM
S20.351	Superficial foreign body of right front wall of thorax	Diagnosis	ICD-10-CM
S20.351A	Superficial foreign body of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.351D	Superficial foreign body of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.351S	Superficial foreign body of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.352	Superficial foreign body of left front wall of thorax	Diagnosis	ICD-10-CM
S20.352A	Superficial foreign body of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.352D	Superficial foreign body of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.352S	Superficial foreign body of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.353	Superficial foreign body of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.353A	Superficial foreign body of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.353D	Superficial foreign body of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.353S	Superficial foreign body of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.354	Superficial foreign body of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.354A	Superficial foreign body of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.354D	Superficial foreign body of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.354S	Superficial foreign body of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.359	Superficial foreign body of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.359A	Superficial foreign body of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.359D	Superficial foreign body of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.359S	Superficial foreign body of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.36	Insect bite (nonvenomous) of front wall of thorax	Diagnosis	ICD-10-CM
S20.361	Insect bite (nonvenomous) of right front wall of thorax	Diagnosis	ICD-10-CM
S20.361A	Insect bite (nonvenomous) of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.361D	Insect bite (nonvenomous) of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.361S	Insect bite (nonvenomous) of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.362	Insect bite (nonvenomous) of left front wall of thorax	Diagnosis	ICD-10-CM
S20.362A	Insect bite (nonvenomous) of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.362D	Insect bite (nonvenomous) of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.362S	Insect bite (nonvenomous) of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.363	Insect bite (nonvenomous) of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.363A	Insect bite (nonvenomous) of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.363D	Insect bite (nonvenomous) of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.363S	Insect bite (nonvenomous) of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.364	Insect bite (nonvenomous) of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.364A	Insect bite (nonvenomous) of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.364D	Insect bite (nonvenomous) of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S20.364S	Insect bite (nonvenomous) of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.369	Insect bite (nonvenomous) of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.369A	Insect bite (nonvenomous) of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.369D	Insect bite (nonvenomous) of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.369S	Insect bite (nonvenomous) of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.37	Other superficial bite of front wall of thorax	Diagnosis	ICD-10-CM
S20.371	Other superficial bite of right front wall of thorax	Diagnosis	ICD-10-CM
S20.371A	Other superficial bite of right front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.371D	Other superficial bite of right front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.371S	Other superficial bite of right front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.372	Other superficial bite of left front wall of thorax	Diagnosis	ICD-10-CM
S20.372A	Other superficial bite of left front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.372D	Other superficial bite of left front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.372S	Other superficial bite of left front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.373	Other superficial bite of bilateral front wall of thorax	Diagnosis	ICD-10-CM
S20.373A	Other superficial bite of bilateral front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.373D	Other superficial bite of bilateral front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.373S	Other superficial bite of bilateral front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.374	Other superficial bite of middle front wall of thorax	Diagnosis	ICD-10-CM
S20.374A	Other superficial bite of middle front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.374D	Other superficial bite of middle front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.374S	Other superficial bite of middle front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.379	Other superficial bite of unspecified front wall of thorax	Diagnosis	ICD-10-CM
S20.379A	Other superficial bite of unspecified front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.379D	Other superficial bite of unspecified front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.379S	Other superficial bite of unspecified front wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.4	Other and unspecified superficial injuries of back wall of thorax	Diagnosis	ICD-10-CM
S20.40	Unspecified superficial injuries of back wall of thorax	Diagnosis	ICD-10-CM
S20.401	Unspecified superficial injuries of right back wall of thorax	Diagnosis	ICD-10-CM
S20.401A	Unspecified superficial injuries of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.401D	Unspecified superficial injuries of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.401S	Unspecified superficial injuries of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.402	Unspecified superficial injuries of left back wall of thorax	Diagnosis	ICD-10-CM
S20.402A	Unspecified superficial injuries of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.402D	Unspecified superficial injuries of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.402S	Unspecified superficial injuries of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.409	Unspecified superficial injuries of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.409A	Unspecified superficial injuries of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.409D	Unspecified superficial injuries of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.409S	Unspecified superficial injuries of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.41	Abrasion of back wall of thorax	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S20.411	Abrasion of right back wall of thorax	Diagnosis	ICD-10-CM
S20.411A	Abrasion of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.411D	Abrasion of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.411S	Abrasion of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.412	Abrasion of left back wall of thorax	Diagnosis	ICD-10-CM
S20.412A	Abrasion of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.412D	Abrasion of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.412S	Abrasion of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.419	Abrasion of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.419A	Abrasion of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.419D	Abrasion of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.419S	Abrasion of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.42	Blister (nonthermal) of back wall of thorax	Diagnosis	ICD-10-CM
S20.421	Blister (nonthermal) of right back wall of thorax	Diagnosis	ICD-10-CM
S20.421A	Blister (nonthermal) of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.421D	Blister (nonthermal) of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.421S	Blister (nonthermal) of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.422	Blister (nonthermal) of left back wall of thorax	Diagnosis	ICD-10-CM
S20.422A	Blister (nonthermal) of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.422D	Blister (nonthermal) of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.422S	Blister (nonthermal) of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.429	Blister (nonthermal) of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.429A	Blister (nonthermal) of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.429D	Blister (nonthermal) of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.429S	Blister (nonthermal) of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.44	External constriction of back wall of thorax	Diagnosis	ICD-10-CM
S20.441	External constriction of right back wall of thorax	Diagnosis	ICD-10-CM
S20.441A	External constriction of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.441D	External constriction of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.441S	External constriction of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.442	External constriction of left back wall of thorax	Diagnosis	ICD-10-CM
S20.442A	External constriction of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.442D	External constriction of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.442S	External constriction of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.449	External constriction of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.449A	External constriction of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.449D	External constriction of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.449S	External constriction of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.45	Superficial foreign body of back wall of thorax	Diagnosis	ICD-10-CM
S20.451	Superficial foreign body of right back wall of thorax	Diagnosis	ICD-10-CM
S20.451A	Superficial foreign body of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.451D	Superficial foreign body of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.451S	Superficial foreign body of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.452	Superficial foreign body of left back wall of thorax	Diagnosis	ICD-10-CM
S20.452A	Superficial foreign body of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S20.452D	Superficial foreign body of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.452S	Superficial foreign body of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.459	Superficial foreign body of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.459A	Superficial foreign body of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.459D	Superficial foreign body of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.459S	Superficial foreign body of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.46	Insect bite (nonvenomous) of back wall of thorax	Diagnosis	ICD-10-CM
S20.461	Insect bite (nonvenomous) of right back wall of thorax	Diagnosis	ICD-10-CM
S20.461A	Insect bite (nonvenomous) of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.461D	Insect bite (nonvenomous) of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.461S	Insect bite (nonvenomous) of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.462	Insect bite (nonvenomous) of left back wall of thorax	Diagnosis	ICD-10-CM
S20.462A	Insect bite (nonvenomous) of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.462D	Insect bite (nonvenomous) of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.462S	Insect bite (nonvenomous) of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.469	Insect bite (nonvenomous) of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.469A	Insect bite (nonvenomous) of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.469D	Insect bite (nonvenomous) of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.469S	Insect bite (nonvenomous) of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.47	Other superficial bite of back wall of thorax	Diagnosis	ICD-10-CM
S20.471	Other superficial bite of right back wall of thorax	Diagnosis	ICD-10-CM
S20.471A	Other superficial bite of right back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.471D	Other superficial bite of right back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.471S	Other superficial bite of right back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.472	Other superficial bite of left back wall of thorax	Diagnosis	ICD-10-CM
S20.472A	Other superficial bite of left back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.472D	Other superficial bite of left back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.472S	Other superficial bite of left back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.479	Other superficial bite of unspecified back wall of thorax	Diagnosis	ICD-10-CM
S20.479A	Other superficial bite of unspecified back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.479D	Other superficial bite of unspecified back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.479S	Other superficial bite of unspecified back wall of thorax, sequela	Diagnosis	ICD-10-CM
S20.9	Superficial injury of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.90	Unspecified superficial injury of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.90XA	Unspecified superficial injury of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.90XD	Unspecified superficial injury of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.90XS	Unspecified superficial injury of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S20.91	Abrasion of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.91XA	Abrasion of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.91XD	Abrasion of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.91XS	Abrasion of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S20.92	Blister (nonthermal) of unspecified parts of thorax	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S20.92XA	Blister (nonthermal) of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.92XD	Blister (nonthermal) of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.92XS	Blister (nonthermal) of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S20.94	External constriction of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.94XA	External constriction of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.94XD	External constriction of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.94XS	External constriction of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S20.95	Superficial foreign body of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.95XA	Superficial foreign body of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.95XD	Superficial foreign body of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.95XS	Superficial foreign body of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S20.96	Insect bite (nonvenomous) of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.96XA	Insect bite (nonvenomous) of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.96XD	Insect bite (nonvenomous) of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.96XS	Insect bite (nonvenomous) of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S20.97	Other superficial bite of unspecified parts of thorax	Diagnosis	ICD-10-CM
S20.97XA	Other superficial bite of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S20.97XD	Other superficial bite of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S20.97XS	Other superficial bite of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S21	Open wound of thorax	Diagnosis	ICD-10-CM
S21.0	Open wound of breast	Diagnosis	ICD-10-CM
S21.00	Unspecified open wound of breast	Diagnosis	ICD-10-CM
S21.001	Unspecified open wound of right breast	Diagnosis	ICD-10-CM
S21.001A	Unspecified open wound of right breast, initial encounter	Diagnosis	ICD-10-CM
S21.001D	Unspecified open wound of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.001S	Unspecified open wound of right breast, sequela	Diagnosis	ICD-10-CM
S21.002	Unspecified open wound of left breast	Diagnosis	ICD-10-CM
S21.002A	Unspecified open wound of left breast, initial encounter	Diagnosis	ICD-10-CM
S21.002D	Unspecified open wound of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.002S	Unspecified open wound of left breast, sequela	Diagnosis	ICD-10-CM
S21.009	Unspecified open wound of unspecified breast	Diagnosis	ICD-10-CM
S21.009A	Unspecified open wound of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S21.009D	Unspecified open wound of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.009S	Unspecified open wound of unspecified breast, sequela	Diagnosis	ICD-10-CM
S21.01	Laceration without foreign body of breast	Diagnosis	ICD-10-CM
S21.011	Laceration without foreign body of right breast	Diagnosis	ICD-10-CM
S21.011A	Laceration without foreign body of right breast, initial encounter	Diagnosis	ICD-10-CM
S21.011D	Laceration without foreign body of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.011S	Laceration without foreign body of right breast, sequela	Diagnosis	ICD-10-CM
S21.012	Laceration without foreign body of left breast	Diagnosis	ICD-10-CM
S21.012A	Laceration without foreign body of left breast, initial encounter	Diagnosis	ICD-10-CM
S21.012D	Laceration without foreign body of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.012S	Laceration without foreign body of left breast, sequela	Diagnosis	ICD-10-CM
S21.019	Laceration without foreign body of unspecified breast	Diagnosis	ICD-10-CM
S21.019A	Laceration without foreign body of unspecified breast, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.019D	Laceration without foreign body of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.019S	Laceration without foreign body of unspecified breast, sequela	Diagnosis	ICD-10-CM
S21.02	Laceration with foreign body of breast	Diagnosis	ICD-10-CM
S21.021	Laceration with foreign body of right breast	Diagnosis	ICD-10-CM
S21.021A	Laceration with foreign body of right breast, initial encounter	Diagnosis	ICD-10-CM
S21.021D	Laceration with foreign body of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.021S	Laceration with foreign body of right breast, sequela	Diagnosis	ICD-10-CM
S21.022	Laceration with foreign body of left breast	Diagnosis	ICD-10-CM
S21.022A	Laceration with foreign body of left breast, initial encounter	Diagnosis	ICD-10-CM
S21.022D	Laceration with foreign body of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.022S	Laceration with foreign body of left breast, sequela	Diagnosis	ICD-10-CM
S21.029	Laceration with foreign body of unspecified breast	Diagnosis	ICD-10-CM
S21.029A	Laceration with foreign body of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S21.029D	Laceration with foreign body of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.029S	Laceration with foreign body of unspecified breast, sequela	Diagnosis	ICD-10-CM
S21.03	Puncture wound without foreign body of breast	Diagnosis	ICD-10-CM
S21.031	Puncture wound without foreign body of right breast	Diagnosis	ICD-10-CM
S21.031A	Puncture wound without foreign body of right breast, initial encounter	Diagnosis	ICD-10-CM
S21.031D	Puncture wound without foreign body of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.031S	Puncture wound without foreign body of right breast, sequela	Diagnosis	ICD-10-CM
S21.032	Puncture wound without foreign body of left breast	Diagnosis	ICD-10-CM
S21.032A	Puncture wound without foreign body of left breast, initial encounter	Diagnosis	ICD-10-CM
S21.032D	Puncture wound without foreign body of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.032S	Puncture wound without foreign body of left breast, sequela	Diagnosis	ICD-10-CM
S21.039	Puncture wound without foreign body of unspecified breast	Diagnosis	ICD-10-CM
S21.039A	Puncture wound without foreign body of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S21.039D	Puncture wound without foreign body of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.039S	Puncture wound without foreign body of unspecified breast, sequela	Diagnosis	ICD-10-CM
S21.04	Puncture wound with foreign body of breast	Diagnosis	ICD-10-CM
S21.041	Puncture wound with foreign body of right breast	Diagnosis	ICD-10-CM
S21.041A	Puncture wound with foreign body of right breast, initial encounter	Diagnosis	ICD-10-CM
S21.041D	Puncture wound with foreign body of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.041S	Puncture wound with foreign body of right breast, sequela	Diagnosis	ICD-10-CM
S21.042	Puncture wound with foreign body of left breast	Diagnosis	ICD-10-CM
S21.042A	Puncture wound with foreign body of left breast, initial encounter	Diagnosis	ICD-10-CM
S21.042D	Puncture wound with foreign body of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.042S	Puncture wound with foreign body of left breast, sequela	Diagnosis	ICD-10-CM
S21.049	Puncture wound with foreign body of unspecified breast	Diagnosis	ICD-10-CM
S21.049A	Puncture wound with foreign body of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S21.049D	Puncture wound with foreign body of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.049S	Puncture wound with foreign body of unspecified breast, sequela	Diagnosis	ICD-10-CM
S21.05	Open bite of breast	Diagnosis	ICD-10-CM
S21.051	Open bite of right breast	Diagnosis	ICD-10-CM
S21.051A	Open bite of right breast, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.051D	Open bite of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.051S	Open bite of right breast, sequela	Diagnosis	ICD-10-CM
S21.052	Open bite of left breast	Diagnosis	ICD-10-CM
S21.052A	Open bite of left breast, initial encounter	Diagnosis	ICD-10-CM
S21.052D	Open bite of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.052S	Open bite of left breast, sequela	Diagnosis	ICD-10-CM
S21.059	Open bite of unspecified breast	Diagnosis	ICD-10-CM
S21.059A	Open bite of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S21.059D	Open bite of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S21.059S	Open bite of unspecified breast, sequela	Diagnosis	ICD-10-CM
S21.1	Open wound of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.10	Unspecified open wound of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.101	Unspecified open wound of right front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.101A	Unspecified open wound of right front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.101D	Unspecified open wound of right front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.101S	Unspecified open wound of right front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.102	Unspecified open wound of left front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.102A	Unspecified open wound of left front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.102D	Unspecified open wound of left front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.102S	Unspecified open wound of left front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.109	Unspecified open wound of unspecified front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.109A	Unspecified open wound of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.109D	Unspecified open wound of unspecified front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.109S	Unspecified open wound of unspecified front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.11	Laceration without foreign body of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.111	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.111A	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.111D	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.111S	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.112	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.112A	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.112D	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.112S	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.119	Laceration without foreign body of unspecified front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.119A	Laceration without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.119D	Laceration without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.119S	Laceration without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.12	Laceration with foreign body of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.121	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.121A	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.121D	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.121S	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.122	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.122A	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.122D	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.122S	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.129	Laceration with foreign body of unspecified front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.129A	Laceration with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.129D	Laceration with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.129S	Laceration with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.13	Puncture wound without foreign body of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.131	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.131A	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.131D	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.131S	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.132	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.132A	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.132D	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.132S	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.139	Puncture wound without foreign body of unspecified front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.139A	Puncture wound without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.139D	Puncture wound without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.139S	Puncture wound without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.14	Puncture wound with foreign body of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.141	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.141A	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.141D	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.141S	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.142	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.142A	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.142D	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.142S	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.149	Puncture wound with foreign body of unspecified front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.149A	Puncture wound with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.149D	Puncture wound with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.149S	Puncture wound with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.15	Open bite of front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.151	Open bite of right front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.151A	Open bite of right front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.151D	Open bite of right front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.151S	Open bite of right front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.152	Open bite of left front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.152A	Open bite of left front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.152D	Open bite of left front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.152S	Open bite of left front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.159	Open bite of unspecified front wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.159A	Open bite of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.159D	Open bite of unspecified front wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.159S	Open bite of unspecified front wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.2	Open wound of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.20	Unspecified open wound of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.201	Unspecified open wound of right back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.201A	Unspecified open wound of right back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.201D	Unspecified open wound of right back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.201S	Unspecified open wound of right back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.202	Unspecified open wound of left back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.202A	Unspecified open wound of left back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.202D	Unspecified open wound of left back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.202S	Unspecified open wound of left back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.209	Unspecified open wound of unspecified back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.209A	Unspecified open wound of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.209D	Unspecified open wound of unspecified back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.209S	Unspecified open wound of unspecified back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.21	Laceration without foreign body of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.211	Laceration without foreign body of right back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.211A	Laceration without foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.211D	Laceration without foreign body of right back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.211S	Laceration without foreign body of right back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.212	Laceration without foreign body of left back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.212A	Laceration without foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.212D	Laceration without foreign body of left back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.212S	Laceration without foreign body of left back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.219	Laceration without foreign body of unspecified back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.219A	Laceration without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.219D	Laceration without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.219S	Laceration without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.22	Laceration with foreign body of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.221	Laceration with foreign body of right back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S21.221A	Laceration with foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.221D	Laceration with foreign body of right back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.221S	Laceration with foreign body of right back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.222	Laceration with foreign body of left back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.222A	Laceration with foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.222D	Laceration with foreign body of left back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.222S	Laceration with foreign body of left back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.229	Laceration with foreign body of unspecified back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.229A	Laceration with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.229D	Laceration with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.229S	Laceration with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.23	Puncture wound without foreign body of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.231	Puncture wound without foreign body of right back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.231A	Puncture wound without foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.231D	Puncture wound without foreign body of right back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.231S	Puncture wound without foreign body of right back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.232	Puncture wound without foreign body of left back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.232A	Puncture wound without foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.232D	Puncture wound without foreign body of left back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.232S	Puncture wound without foreign body of left back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.239	Puncture wound without foreign body of unspecified back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.239A	Puncture wound without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.239D	Puncture wound without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.239S	Puncture wound without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.24	Puncture wound with foreign body of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.241	Puncture wound with foreign body of right back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.241A	Puncture wound with foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.241D	Puncture wound with foreign body of right back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.241S	Puncture wound with foreign body of right back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.242	Puncture wound with foreign body of left back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.242A	Puncture wound with foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.242D	Puncture wound with foreign body of left back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.242S	Puncture wound with foreign body of left back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.249	Puncture wound with foreign body of unspecified back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.249A	Puncture wound with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.249D	Puncture wound with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.249S	Puncture wound with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.25	Open bite of back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.251	Open bite of right back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.251A	Open bite of right back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.251D	Open bite of right back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.251S	Open bite of right back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.252	Open bite of left back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.252A	Open bite of left back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.252D	Open bite of left back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.252S	Open bite of left back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S21.259	Open bite of unspecified back wall of thorax without penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.259A	Open bite of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.259D	Open bite of unspecified back wall of thorax without penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.259S	Open bite of unspecified back wall of thorax without penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.3	Open wound of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.30	Unspecified open wound of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.301	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.301A	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.301D	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.301S	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.302	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.302A	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.302D	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.302S	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.309	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.309A	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.309D	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.309S	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.31	Laceration without foreign body of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.311	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.311A	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.311D	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.311S	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.312	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.312A	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.312D	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.312S	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.319	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.319A	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.319D	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.319S	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.32	Laceration with foreign body of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.321	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.321A	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.321D	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.321S	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.322	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.322A	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.322D	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.322S	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.329	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.329A	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.329D	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.329S	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.33	Puncture wound without foreign body of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.331	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.331A	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.331D	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.331S	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.332	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.332A	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.332D	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.332S	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.339	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.339A	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.339D	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.339S	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.34	Puncture wound with foreign body of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.341	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.341A	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.341D	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.341S	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.342	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.342A	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.342D	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.342S	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.349	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.349A	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.349D	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.349S	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.35	Open bite of front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.351	Open bite of right front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.351A	Open bite of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.351D	Open bite of right front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.351S	Open bite of right front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.352	Open bite of left front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.352A	Open bite of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.352D	Open bite of left front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.352S	Open bite of left front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.359	Open bite of unspecified front wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.359A	Open bite of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.359D	Open bite of unspecified front wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.359S	Open bite of unspecified front wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.4	Open wound of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.40	Unspecified open wound of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.401	Unspecified open wound of right back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.401A	Unspecified open wound of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.401D	Unspecified open wound of right back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.401S	Unspecified open wound of right back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.402	Unspecified open wound of left back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.402A	Unspecified open wound of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.402D	Unspecified open wound of left back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.402S	Unspecified open wound of left back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.409	Unspecified open wound of unspecified back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.409A	Unspecified open wound of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.409D	Unspecified open wound of unspecified back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.409S	Unspecified open wound of unspecified back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.41	Laceration without foreign body of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.411	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.411A	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.411D	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.411S	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.412	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.412A	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.412D	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.412S	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.419	Laceration without foreign body of unspecified back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.419A	Laceration without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.419D	Laceration without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.419S	Laceration without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.42	Laceration with foreign body of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.421	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.421A	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.421D	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.421S	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.422	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.422A	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.422D	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.422S	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.429	Laceration with foreign body of unspecified back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.429A	Laceration with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.429D	Laceration with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.429S	Laceration with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.43	Puncture wound without foreign body of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.431	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.431A	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.431D	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.431S	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.432	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.432A	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.432D	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.432S	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.439	Puncture wound without foreign body of unspecified back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.439A	Puncture wound without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.439D	Puncture wound without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S21.439S	Puncture wound without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.44	Puncture wound with foreign body of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.441	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.441A	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.441D	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.441S	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.442	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.442A	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.442D	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.442S	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.449	Puncture wound with foreign body of unspecified back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.449A	Puncture wound with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.449D	Puncture wound with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.449S	Puncture wound with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.45	Open bite of back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.451	Open bite of right back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.451A	Open bite of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.451D	Open bite of right back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.451S	Open bite of right back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.452	Open bite of left back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM
S21.452A	Open bite of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.452D	Open bite of left back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.452S	Open bite of left back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.459	Open bite of unspecified back wall of thorax with penetration into thoracic cavity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S21.459A	Open bite of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.459D	Open bite of unspecified back wall of thorax with penetration into thoracic cavity, subsequent encounter	Diagnosis	ICD-10-CM
S21.459S	Open bite of unspecified back wall of thorax with penetration into thoracic cavity, sequela	Diagnosis	ICD-10-CM
S21.9	Open wound of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.90	Unspecified open wound of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.90XA	Unspecified open wound of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.90XD	Unspecified open wound of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S21.90XS	Unspecified open wound of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S21.91	Laceration without foreign body of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.91XA	Laceration without foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.91XD	Laceration without foreign body of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S21.91XS	Laceration without foreign body of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S21.92	Laceration with foreign body of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.92XA	Laceration with foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.92XD	Laceration with foreign body of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S21.92XS	Laceration with foreign body of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S21.93	Puncture wound without foreign body of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.93XA	Puncture wound without foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.93XD	Puncture wound without foreign body of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S21.93XS	Puncture wound without foreign body of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S21.94	Puncture wound with foreign body of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.94XA	Puncture wound with foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.94XD	Puncture wound with foreign body of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S21.94XS	Puncture wound with foreign body of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S21.95	Open bite of unspecified part of thorax	Diagnosis	ICD-10-CM
S21.95XA	Open bite of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.95XD	Open bite of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S21.95XS	Open bite of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S22	Fracture of rib(s), sternum and thoracic spine	Diagnosis	ICD-10-CM
S22.0	Fracture of thoracic vertebra	Diagnosis	ICD-10-CM
S22.00	Fracture of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S22.000	Wedge compression fracture of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S22.000A	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.000B	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.000D	Wedge compression fracture of unspecified thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.000G	Wedge compression fracture of unspecified thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.000K	Wedge compression fracture of unspecified thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.000S	Wedge compression fracture of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.001	Stable burst fracture of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S22.001A	Stable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.001B	Stable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.001D	Stable burst fracture of unspecified thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.001G	Stable burst fracture of unspecified thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.001K	Stable burst fracture of unspecified thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.001S	Stable burst fracture of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.002	Unstable burst fracture of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S22.002A	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.002B	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.002D	Unstable burst fracture of unspecified thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.002G	Unstable burst fracture of unspecified thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.002K	Unstable burst fracture of unspecified thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.002S	Unstable burst fracture of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.008	Other fracture of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S22.008A	Other fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.008B	Other fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.008D	Other fracture of unspecified thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.008G	Other fracture of unspecified thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.008K	Other fracture of unspecified thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.008S	Other fracture of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.009	Unspecified fracture of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.009D	Unspecified fracture of unspecified thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.009G	Unspecified fracture of unspecified thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.009K	Unspecified fracture of unspecified thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.009S	Unspecified fracture of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.01	Fracture of first thoracic vertebra	Diagnosis	ICD-10-CM
S22.010	Wedge compression fracture of first thoracic vertebra	Diagnosis	ICD-10-CM
S22.010A	Wedge compression fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.010B	Wedge compression fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.010D	Wedge compression fracture of first thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.010G	Wedge compression fracture of first thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.010K	Wedge compression fracture of first thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.010S	Wedge compression fracture of first thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.011	Stable burst fracture of first thoracic vertebra	Diagnosis	ICD-10-CM
S22.011A	Stable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.011B	Stable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.011D	Stable burst fracture of first thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.011G	Stable burst fracture of first thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.011K	Stable burst fracture of first thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.011S	Stable burst fracture of first thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.012	Unstable burst fracture of first thoracic vertebra	Diagnosis	ICD-10-CM
S22.012A	Unstable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.012B	Unstable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.012D	Unstable burst fracture of first thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.012G	Unstable burst fracture of first thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.012K	Unstable burst fracture of first thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.012S	Unstable burst fracture of first thoracic vertebra, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.018	Other fracture of first thoracic vertebra	Diagnosis	ICD-10-CM
S22.018A	Other fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.018B	Other fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.018D	Other fracture of first thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.018G	Other fracture of first thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.018K	Other fracture of first thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.018S	Other fracture of first thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.019	Unspecified fracture of first thoracic vertebra	Diagnosis	ICD-10-CM
S22.019A	Unspecified fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.019B	Unspecified fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.019D	Unspecified fracture of first thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.019G	Unspecified fracture of first thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.019K	Unspecified fracture of first thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.019S	Unspecified fracture of first thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.02	Fracture of second thoracic vertebra	Diagnosis	ICD-10-CM
S22.020	Wedge compression fracture of second thoracic vertebra	Diagnosis	ICD-10-CM
S22.020A	Wedge compression fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.020D	Wedge compression fracture of second thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.020G	Wedge compression fracture of second thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.020K	Wedge compression fracture of second thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.020S	Wedge compression fracture of second thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.021	Stable burst fracture of second thoracic vertebra	Diagnosis	ICD-10-CM
S22.021A	Stable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.021B	Stable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.021D	Stable burst fracture of second thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.021G	Stable burst fracture of second thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.021K	Stable burst fracture of second thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.021S	Stable burst fracture of second thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.022	Unstable burst fracture of second thoracic vertebra	Diagnosis	ICD-10-CM
S22.022A	Unstable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.022B	Unstable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.022D	Unstable burst fracture of second thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.022G	Unstable burst fracture of second thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.022K	Unstable burst fracture of second thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.022S	Unstable burst fracture of second thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.028	Other fracture of second thoracic vertebra	Diagnosis	ICD-10-CM
S22.028A	Other fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.028B	Other fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.028D	Other fracture of second thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.028G	Other fracture of second thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.028K	Other fracture of second thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.028S	Other fracture of second thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.029	Unspecified fracture of second thoracic vertebra	Diagnosis	ICD-10-CM
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.029D	Unspecified fracture of second thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.029G	Unspecified fracture of second thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.029K	Unspecified fracture of second thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.029S	Unspecified fracture of second thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.03	Fracture of third thoracic vertebra	Diagnosis	ICD-10-CM
S22.030	Wedge compression fracture of third thoracic vertebra	Diagnosis	ICD-10-CM
S22.030A	Wedge compression fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.030B	Wedge compression fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.030D	Wedge compression fracture of third thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.030G	Wedge compression fracture of third thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.030K	Wedge compression fracture of third thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.030S	Wedge compression fracture of third thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.031	Stable burst fracture of third thoracic vertebra	Diagnosis	ICD-10-CM
S22.031A	Stable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.031B	Stable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.031D	Stable burst fracture of third thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.031G	Stable burst fracture of third thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.031K	Stable burst fracture of third thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.031S	Stable burst fracture of third thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.032	Unstable burst fracture of third thoracic vertebra	Diagnosis	ICD-10-CM
S22.032A	Unstable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.032B	Unstable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.032D	Unstable burst fracture of third thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.032G	Unstable burst fracture of third thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.032K	Unstable burst fracture of third thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.032S	Unstable burst fracture of third thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.038	Other fracture of third thoracic vertebra	Diagnosis	ICD-10-CM
S22.038A	Other fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.038B	Other fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.038D	Other fracture of third thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.038G	Other fracture of third thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.038K	Other fracture of third thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.038S	Other fracture of third thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.039	Unspecified fracture of third thoracic vertebra	Diagnosis	ICD-10-CM
S22.039A	Unspecified fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.039B	Unspecified fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.039D	Unspecified fracture of third thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.039G	Unspecified fracture of third thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.039K	Unspecified fracture of third thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.039S	Unspecified fracture of third thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.04	Fracture of fourth thoracic vertebra	Diagnosis	ICD-10-CM
S22.040	Wedge compression fracture of fourth thoracic vertebra	Diagnosis	ICD-10-CM
S22.040A	Wedge compression fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.040B	Wedge compression fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.040D	Wedge compression fracture of fourth thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.040G	Wedge compression fracture of fourth thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.040K	Wedge compression fracture of fourth thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.040S	Wedge compression fracture of fourth thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.041	Stable burst fracture of fourth thoracic vertebra	Diagnosis	ICD-10-CM
S22.041A	Stable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.041B	Stable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.041D	Stable burst fracture of fourth thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.041G	Stable burst fracture of fourth thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.041K	Stable burst fracture of fourth thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.041S	Stable burst fracture of fourth thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.042	Unstable burst fracture of fourth thoracic vertebra	Diagnosis	ICD-10-CM
S22.042A	Unstable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.042B	Unstable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.042D	Unstable burst fracture of fourth thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.042G	Unstable burst fracture of fourth thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.042K	Unstable burst fracture of fourth thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.042S	Unstable burst fracture of fourth thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.048	Other fracture of fourth thoracic vertebra	Diagnosis	ICD-10-CM
S22.048A	Other fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.048B	Other fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.048D	Other fracture of fourth thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.048G	Other fracture of fourth thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.048K	Other fracture of fourth thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.048S	Other fracture of fourth thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.049	Unspecified fracture of fourth thoracic vertebra	Diagnosis	ICD-10-CM
S22.049A	Unspecified fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.049B	Unspecified fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.049D	Unspecified fracture of fourth thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.049G	Unspecified fracture of fourth thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.049K	Unspecified fracture of fourth thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.049S	Unspecified fracture of fourth thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.05	Fracture of T5-T6 vertebra	Diagnosis	ICD-10-CM
S22.050	Wedge compression fracture of T5-T6 vertebra	Diagnosis	ICD-10-CM
S22.050A	Wedge compression fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.050B	Wedge compression fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.050D	Wedge compression fracture of T5-T6 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.050G	Wedge compression fracture of T5-T6 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.050K	Wedge compression fracture of T5-T6 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.050S	Wedge compression fracture of T5-T6 vertebra, sequela	Diagnosis	ICD-10-CM
S22.051	Stable burst fracture of T5-T6 vertebra	Diagnosis	ICD-10-CM
S22.051A	Stable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.051B	Stable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.051D	Stable burst fracture of T5-T6 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.051G	Stable burst fracture of T5-T6 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.051K	Stable burst fracture of T5-T6 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.051S	Stable burst fracture of T5-T6 vertebra, sequela	Diagnosis	ICD-10-CM
S22.052	Unstable burst fracture of T5-T6 vertebra	Diagnosis	ICD-10-CM
S22.052A	Unstable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.052B	Unstable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S22.052D	Unstable burst fracture of T5-T6 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.052G	Unstable burst fracture of T5-T6 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.052K	Unstable burst fracture of T5-T6 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.052S	Unstable burst fracture of T5-T6 vertebra, sequela	Diagnosis	ICD-10-CM
S22.058	Other fracture of T5-T6 vertebra	Diagnosis	ICD-10-CM
S22.058A	Other fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.058B	Other fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.058D	Other fracture of T5-T6 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.058G	Other fracture of T5-T6 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.058K	Other fracture of T5-T6 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.058S	Other fracture of T5-T6 vertebra, sequela	Diagnosis	ICD-10-CM
S22.059	Unspecified fracture of T5-T6 vertebra	Diagnosis	ICD-10-CM
S22.059A	Unspecified fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.059B	Unspecified fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.059D	Unspecified fracture of T5-T6 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.059G	Unspecified fracture of T5-T6 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.059K	Unspecified fracture of T5-T6 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.059S	Unspecified fracture of T5-T6 vertebra, sequela	Diagnosis	ICD-10-CM
S22.06	Fracture of T7-T8 vertebra	Diagnosis	ICD-10-CM
S22.060	Wedge compression fracture of T7-T8 vertebra	Diagnosis	ICD-10-CM
S22.060A	Wedge compression fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.060B	Wedge compression fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.060D	Wedge compression fracture of T7-T8 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.060G	Wedge compression fracture of T7-T8 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.060K	Wedge compression fracture of T7-T8 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.060S	Wedge compression fracture of T7-T8 vertebra, sequela	Diagnosis	ICD-10-CM
S22.061	Stable burst fracture of T7-T8 vertebra	Diagnosis	ICD-10-CM
S22.061A	Stable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.061B	Stable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.061D	Stable burst fracture of T7-T8 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.061G	Stable burst fracture of T7-T8 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.061K	Stable burst fracture of T7-T8 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.061S	Stable burst fracture of T7-T8 vertebra, sequela	Diagnosis	ICD-10-CM
S22.062	Unstable burst fracture of T7-T8 vertebra	Diagnosis	ICD-10-CM
S22.062A	Unstable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.062B	Unstable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.062D	Unstable burst fracture of T7-T8 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.062G	Unstable burst fracture of T7-T8 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.062K	Unstable burst fracture of T7-T8 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.062S	Unstable burst fracture of T7-T8 vertebra, sequela	Diagnosis	ICD-10-CM
S22.068	Other fracture of T7-T8 thoracic vertebra	Diagnosis	ICD-10-CM
S22.068A	Other fracture of T7-T8 thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.068B	Other fracture of T7-T8 thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.068D	Other fracture of T7-T8 thoracic vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.068G	Other fracture of T7-T8 thoracic vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.068K	Other fracture of T7-T8 thoracic vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.068S	Other fracture of T7-T8 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S22.069	Unspecified fracture of T7-T8 vertebra	Diagnosis	ICD-10-CM
S22.069A	Unspecified fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.069B	Unspecified fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.069D	Unspecified fracture of T7-T8 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.069G	Unspecified fracture of T7-T8 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.069K	Unspecified fracture of T7-T8 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.069S	Unspecified fracture of T7-T8 vertebra, sequela	Diagnosis	ICD-10-CM
S22.07	Fracture of T9-T10 vertebra	Diagnosis	ICD-10-CM
S22.070	Wedge compression fracture of T9-T10 vertebra	Diagnosis	ICD-10-CM
S22.070A	Wedge compression fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.070B	Wedge compression fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.070D	Wedge compression fracture of T9-T10 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.070G	Wedge compression fracture of T9-T10 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.070K	Wedge compression fracture of T9-T10 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.070S	Wedge compression fracture of T9-T10 vertebra, sequela	Diagnosis	ICD-10-CM
S22.071	Stable burst fracture of T9-T10 vertebra	Diagnosis	ICD-10-CM
S22.071A	Stable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.071B	Stable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.071D	Stable burst fracture of T9-T10 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.071G	Stable burst fracture of T9-T10 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.071K	Stable burst fracture of T9-T10 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.071S	Stable burst fracture of T9-T10 vertebra, sequela	Diagnosis	ICD-10-CM
S22.072	Unstable burst fracture of T9-T10 vertebra	Diagnosis	ICD-10-CM
S22.072A	Unstable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.072B	Unstable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.072D	Unstable burst fracture of T9-T10 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.072G	Unstable burst fracture of T9-T10 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.072K	Unstable burst fracture of T9-T10 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.072S	Unstable burst fracture of T9-T10 vertebra, sequela	Diagnosis	ICD-10-CM
S22.078	Other fracture of T9-T10 vertebra	Diagnosis	ICD-10-CM
S22.078A	Other fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.078B	Other fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.078D	Other fracture of T9-T10 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.078G	Other fracture of T9-T10 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.078K	Other fracture of T9-T10 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.078S	Other fracture of T9-T10 vertebra, sequela	Diagnosis	ICD-10-CM
S22.079	Unspecified fracture of T9-T10 vertebra	Diagnosis	ICD-10-CM
S22.079A	Unspecified fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.079B	Unspecified fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.079D	Unspecified fracture of T9-T10 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.079G	Unspecified fracture of T9-T10 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.079K	Unspecified fracture of T9-T10 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.079S	Unspecified fracture of T9-T10 vertebra, sequela	Diagnosis	ICD-10-CM
S22.08	Fracture of T11-T12 vertebra	Diagnosis	ICD-10-CM
S22.080	Wedge compression fracture of T11-T12 vertebra	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S22.080A	Wedge compression fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.080B	Wedge compression fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.080D	Wedge compression fracture of T11-T12 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.080G	Wedge compression fracture of T11-T12 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.080K	Wedge compression fracture of T11-T12 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.080S	Wedge compression fracture of T11-T12 vertebra, sequela	Diagnosis	ICD-10-CM
S22.081	Stable burst fracture of T11-T12 vertebra	Diagnosis	ICD-10-CM
S22.081A	Stable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.081B	Stable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.081D	Stable burst fracture of T11-T12 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.081G	Stable burst fracture of T11-T12 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.081K	Stable burst fracture of T11-T12 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.081S	Stable burst fracture of T11-T12 vertebra, sequela	Diagnosis	ICD-10-CM
S22.082	Unstable burst fracture of T11-T12 vertebra	Diagnosis	ICD-10-CM
S22.082A	Unstable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.082B	Unstable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.082D	Unstable burst fracture of T11-T12 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.082G	Unstable burst fracture of T11-T12 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.082K	Unstable burst fracture of T11-T12 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.082S	Unstable burst fracture of T11-T12 vertebra, sequela	Diagnosis	ICD-10-CM
S22.088	Other fracture of T11-T12 vertebra	Diagnosis	ICD-10-CM
S22.088A	Other fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.088B	Other fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.088D	Other fracture of T11-T12 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.088G	Other fracture of T11-T12 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.088K	Other fracture of T11-T12 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.088S	Other fracture of T11-T12 vertebra, sequela	Diagnosis	ICD-10-CM
S22.089	Unspecified fracture of T11-T12 vertebra	Diagnosis	ICD-10-CM
S22.089A	Unspecified fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.089B	Unspecified fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.089D	Unspecified fracture of T11-T12 vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.089G	Unspecified fracture of T11-T12 vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.089K	Unspecified fracture of T11-T12 vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.089S	Unspecified fracture of T11-T12 vertebra, sequela	Diagnosis	ICD-10-CM
S22.2	Fracture of sternum	Diagnosis	ICD-10-CM
S22.20	Unspecified fracture of sternum	Diagnosis	ICD-10-CM
S22.20XA	Unspecified fracture of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.20XB	Unspecified fracture of sternum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.20XD	Unspecified fracture of sternum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.20XG	Unspecified fracture of sternum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.20XK	Unspecified fracture of sternum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.20XS	Unspecified fracture of sternum, sequela	Diagnosis	ICD-10-CM
S22.21	Fracture of manubrium	Diagnosis	ICD-10-CM
S22.21XA	Fracture of manubrium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.21XB	Fracture of manubrium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.21XD	Fracture of manubrium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.21XG	Fracture of manubrium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.21XK	Fracture of manubrium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.21XS	Fracture of manubrium, sequela	Diagnosis	ICD-10-CM
S22.22	Fracture of body of sternum	Diagnosis	ICD-10-CM
S22.22XA	Fracture of body of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.22XB	Fracture of body of sternum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.22XD	Fracture of body of sternum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.22XG	Fracture of body of sternum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.22XK	Fracture of body of sternum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.22XS	Fracture of body of sternum, sequela	Diagnosis	ICD-10-CM
S22.23	Sternal manubrial dissociation	Diagnosis	ICD-10-CM
S22.23XA	Sternal manubrial dissociation, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.23XB	Sternal manubrial dissociation, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.23XD	Sternal manubrial dissociation, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.23XG	Sternal manubrial dissociation, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.23XK	Sternal manubrial dissociation, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.23XS	Sternal manubrial dissociation, sequela	Diagnosis	ICD-10-CM
S22.24	Fracture of xiphoid process	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.24XA	Fracture of xiphoid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.24XB	Fracture of xiphoid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.24XD	Fracture of xiphoid process, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.24XG	Fracture of xiphoid process, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.24XK	Fracture of xiphoid process, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.24XS	Fracture of xiphoid process, sequela	Diagnosis	ICD-10-CM
S22.3	Fracture of one rib	Diagnosis	ICD-10-CM
S22.31	Fracture of one rib, right side	Diagnosis	ICD-10-CM
S22.31XA	Fracture of one rib, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.31XB	Fracture of one rib, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.31XD	Fracture of one rib, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.31XG	Fracture of one rib, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.31XK	Fracture of one rib, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.31XS	Fracture of one rib, right side, sequela	Diagnosis	ICD-10-CM
S22.32	Fracture of one rib, left side	Diagnosis	ICD-10-CM
S22.32XA	Fracture of one rib, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.32XB	Fracture of one rib, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.32XD	Fracture of one rib, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.32XG	Fracture of one rib, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.32XK	Fracture of one rib, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.32XS	Fracture of one rib, left side, sequela	Diagnosis	ICD-10-CM
S22.39	Fracture of one rib, unspecified side	Diagnosis	ICD-10-CM
S22.39XA	Fracture of one rib, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.39XB	Fracture of one rib, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.39XD	Fracture of one rib, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.39XG	Fracture of one rib, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.39XK	Fracture of one rib, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.39XS	Fracture of one rib, unspecified side, sequela	Diagnosis	ICD-10-CM
S22.4	Multiple fractures of ribs	Diagnosis	ICD-10-CM
S22.41	Multiple fractures of ribs, right side	Diagnosis	ICD-10-CM
S22.41XA	Multiple fractures of ribs, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.41XB	Multiple fractures of ribs, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.41XD	Multiple fractures of ribs, right side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.41XG	Multiple fractures of ribs, right side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.41XK	Multiple fractures of ribs, right side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.41XS	Multiple fractures of ribs, right side, sequela	Diagnosis	ICD-10-CM
S22.42	Multiple fractures of ribs, left side	Diagnosis	ICD-10-CM
S22.42XA	Multiple fractures of ribs, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.42XB	Multiple fractures of ribs, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.42XD	Multiple fractures of ribs, left side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.42XG	Multiple fractures of ribs, left side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.42XK	Multiple fractures of ribs, left side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.42XS	Multiple fractures of ribs, left side, sequela	Diagnosis	ICD-10-CM
S22.43	Multiple fractures of ribs, bilateral	Diagnosis	ICD-10-CM
S22.43XA	Multiple fractures of ribs, bilateral, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.43XB	Multiple fractures of ribs, bilateral, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.43XD	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.43XG	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.43XK	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.43XS	Multiple fractures of ribs, bilateral, sequela	Diagnosis	ICD-10-CM
S22.49	Multiple fractures of ribs, unspecified side	Diagnosis	ICD-10-CM
S22.49XA	Multiple fractures of ribs, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.49XB	Multiple fractures of ribs, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.49XD	Multiple fractures of ribs, unspecified side, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.49XG	Multiple fractures of ribs, unspecified side, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.49XK	Multiple fractures of ribs, unspecified side, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.49XS	Multiple fractures of ribs, unspecified side, sequela	Diagnosis	ICD-10-CM
S22.5	Flail chest	Diagnosis	ICD-10-CM
S22.5XXA	Flail chest, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.5XXB	Flail chest, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.5XXD	Flail chest, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S22.5XXG	Flail chest, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.5XXK	Flail chest, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.5XXS	Flail chest, sequela	Diagnosis	ICD-10-CM
S22.9	Fracture of bony thorax, part unspecified	Diagnosis	ICD-10-CM
S22.9XXA	Fracture of bony thorax, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.9XXB	Fracture of bony thorax, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.9XXD	Fracture of bony thorax, part unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S22.9XXG	Fracture of bony thorax, part unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S22.9XXK	Fracture of bony thorax, part unspecified, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S22.9XXS	Fracture of bony thorax, part unspecified, sequela	Diagnosis	ICD-10-CM
S23	Dislocation and sprain of joints and ligaments of thorax	Diagnosis	ICD-10-CM
S23.0	Traumatic rupture of thoracic intervertebral disc	Diagnosis	ICD-10-CM
S23.0XXA	Traumatic rupture of thoracic intervertebral disc, initial encounter	Diagnosis	ICD-10-CM
S23.0XXD	Traumatic rupture of thoracic intervertebral disc, subsequent encounter	Diagnosis	ICD-10-CM
S23.0XXS	Traumatic rupture of thoracic intervertebral disc, sequela	Diagnosis	ICD-10-CM
S23.1	Subluxation and dislocation of thoracic vertebra	Diagnosis	ICD-10-CM
S23.10	Subluxation and dislocation of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S23.100	Subluxation of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S23.100A	Subluxation of unspecified thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.100D	Subluxation of unspecified thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.100S	Subluxation of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.101	Dislocation of unspecified thoracic vertebra	Diagnosis	ICD-10-CM
S23.101A	Dislocation of unspecified thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.101D	Dislocation of unspecified thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.101S	Dislocation of unspecified thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.11	Subluxation and dislocation of T1/T2 thoracic vertebra	Diagnosis	ICD-10-CM
S23.110	Subluxation of T1/T2 thoracic vertebra	Diagnosis	ICD-10-CM
S23.110A	Subluxation of T1/T2 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.110D	Subluxation of T1/T2 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.110S	Subluxation of T1/T2 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.111	Dislocation of T1/T2 thoracic vertebra	Diagnosis	ICD-10-CM
S23.111A	Dislocation of T1/T2 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.111D	Dislocation of T1/T2 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.111S	Dislocation of T1/T2 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.12	Subluxation and dislocation of T2/T3-T3/T4 thoracic vertebra	Diagnosis	ICD-10-CM
S23.120	Subluxation of T2/T3 thoracic vertebra	Diagnosis	ICD-10-CM
S23.120A	Subluxation of T2/T3 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.120D	Subluxation of T2/T3 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.120S	Subluxation of T2/T3 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.121	Dislocation of T2/T3 thoracic vertebra	Diagnosis	ICD-10-CM
S23.121A	Dislocation of T2/T3 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.121D	Dislocation of T2/T3 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.121S	Dislocation of T2/T3 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.122	Subluxation of T3/T4 thoracic vertebra	Diagnosis	ICD-10-CM
S23.122A	Subluxation of T3/T4 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.122D	Subluxation of T3/T4 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.122S	Subluxation of T3/T4 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.123	Dislocation of T3/T4 thoracic vertebra	Diagnosis	ICD-10-CM
S23.123A	Dislocation of T3/T4 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.123D	Dislocation of T3/T4 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S23.123S	Dislocation of T3/T4 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.13	Subluxation and dislocation of T4/T5-T5/T6 thoracic vertebra	Diagnosis	ICD-10-CM
S23.130	Subluxation of T4/T5 thoracic vertebra	Diagnosis	ICD-10-CM
S23.130A	Subluxation of T4/T5 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.130D	Subluxation of T4/T5 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.130S	Subluxation of T4/T5 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.131	Dislocation of T4/T5 thoracic vertebra	Diagnosis	ICD-10-CM
S23.131A	Dislocation of T4/T5 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.131D	Dislocation of T4/T5 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.131S	Dislocation of T4/T5 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.132	Subluxation of T5/T6 thoracic vertebra	Diagnosis	ICD-10-CM
S23.132A	Subluxation of T5/T6 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.132D	Subluxation of T5/T6 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.132S	Subluxation of T5/T6 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.133	Dislocation of T5/T6 thoracic vertebra	Diagnosis	ICD-10-CM
S23.133A	Dislocation of T5/T6 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.133D	Dislocation of T5/T6 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.133S	Dislocation of T5/T6 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.14	Subluxation and dislocation of T6/T7-T7/T8 thoracic vertebra	Diagnosis	ICD-10-CM
S23.140	Subluxation of T6/T7 thoracic vertebra	Diagnosis	ICD-10-CM
S23.140A	Subluxation of T6/T7 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.140D	Subluxation of T6/T7 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.140S	Subluxation of T6/T7 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.141	Dislocation of T6/T7 thoracic vertebra	Diagnosis	ICD-10-CM
S23.141A	Dislocation of T6/T7 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.141D	Dislocation of T6/T7 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.141S	Dislocation of T6/T7 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.142	Subluxation of T7/T8 thoracic vertebra	Diagnosis	ICD-10-CM
S23.142A	Subluxation of T7/T8 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.142D	Subluxation of T7/T8 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.142S	Subluxation of T7/T8 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.143	Dislocation of T7/T8 thoracic vertebra	Diagnosis	ICD-10-CM
S23.143A	Dislocation of T7/T8 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.143D	Dislocation of T7/T8 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.143S	Dislocation of T7/T8 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.15	Subluxation and dislocation of T8/T9-T9/T10 thoracic vertebra	Diagnosis	ICD-10-CM
S23.150	Subluxation of T8/T9 thoracic vertebra	Diagnosis	ICD-10-CM
S23.150A	Subluxation of T8/T9 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.150D	Subluxation of T8/T9 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.150S	Subluxation of T8/T9 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.151	Dislocation of T8/T9 thoracic vertebra	Diagnosis	ICD-10-CM
S23.151A	Dislocation of T8/T9 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.151D	Dislocation of T8/T9 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.151S	Dislocation of T8/T9 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.152	Subluxation of T9/T10 thoracic vertebra	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S23.152A	Subluxation of T9/T10 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.152D	Subluxation of T9/T10 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.152S	Subluxation of T9/T10 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.153	Dislocation of T9/T10 thoracic vertebra	Diagnosis	ICD-10-CM
S23.153A	Dislocation of T9/T10 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.153D	Dislocation of T9/T10 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.153S	Dislocation of T9/T10 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.16	Subluxation and dislocation of T10/T11-T11/T12 thoracic vertebra	Diagnosis	ICD-10-CM
S23.160	Subluxation of T10/T11 thoracic vertebra	Diagnosis	ICD-10-CM
S23.160A	Subluxation of T10/T11 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.160D	Subluxation of T10/T11 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.160S	Subluxation of T10/T11 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.161	Dislocation of T10/T11 thoracic vertebra	Diagnosis	ICD-10-CM
S23.161A	Dislocation of T10/T11 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.161D	Dislocation of T10/T11 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.161S	Dislocation of T10/T11 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.162	Subluxation of T11/T12 thoracic vertebra	Diagnosis	ICD-10-CM
S23.162A	Subluxation of T11/T12 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.162D	Subluxation of T11/T12 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.162S	Subluxation of T11/T12 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.163	Dislocation of T11/T12 thoracic vertebra	Diagnosis	ICD-10-CM
S23.163A	Dislocation of T11/T12 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.163D	Dislocation of T11/T12 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.163S	Dislocation of T11/T12 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.17	Subluxation and dislocation of T12/L1 thoracic vertebra	Diagnosis	ICD-10-CM
S23.170	Subluxation of T12/L1 thoracic vertebra	Diagnosis	ICD-10-CM
S23.170A	Subluxation of T12/L1 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.170D	Subluxation of T12/L1 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.170S	Subluxation of T12/L1 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.171	Dislocation of T12/L1 thoracic vertebra	Diagnosis	ICD-10-CM
S23.171A	Dislocation of T12/L1 thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
S23.171D	Dislocation of T12/L1 thoracic vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S23.171S	Dislocation of T12/L1 thoracic vertebra, sequela	Diagnosis	ICD-10-CM
S23.2	Dislocation of other and unspecified parts of thorax	Diagnosis	ICD-10-CM
S23.20	Dislocation of unspecified part of thorax	Diagnosis	ICD-10-CM
S23.20XA	Dislocation of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S23.20XD	Dislocation of unspecified part of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S23.20XS	Dislocation of unspecified part of thorax, sequela	Diagnosis	ICD-10-CM
S23.29	Dislocation of other parts of thorax	Diagnosis	ICD-10-CM
S23.29XA	Dislocation of other parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S23.29XD	Dislocation of other parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S23.29XS	Dislocation of other parts of thorax, sequela	Diagnosis	ICD-10-CM
S23.3	Sprain of ligaments of thoracic spine	Diagnosis	ICD-10-CM
S23.3XXA	Sprain of ligaments of thoracic spine, initial encounter	Diagnosis	ICD-10-CM
S23.3XXD	Sprain of ligaments of thoracic spine, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S23.3XXS	Sprain of ligaments of thoracic spine, sequela	Diagnosis	ICD-10-CM
S23.4	Sprain of ribs and sternum	Diagnosis	ICD-10-CM
S23.41	Sprain of ribs	Diagnosis	ICD-10-CM
S23.41XA	Sprain of ribs, initial encounter	Diagnosis	ICD-10-CM
S23.41XD	Sprain of ribs, subsequent encounter	Diagnosis	ICD-10-CM
S23.41XS	Sprain of ribs, sequela	Diagnosis	ICD-10-CM
S23.42	Sprain of sternum	Diagnosis	ICD-10-CM
S23.420	Sprain of sternoclavicular (joint) (ligament)	Diagnosis	ICD-10-CM
S23.420A	Sprain of sternoclavicular (joint) (ligament), initial encounter	Diagnosis	ICD-10-CM
S23.420D	Sprain of sternoclavicular (joint) (ligament), subsequent encounter	Diagnosis	ICD-10-CM
S23.420S	Sprain of sternoclavicular (joint) (ligament), sequela	Diagnosis	ICD-10-CM
S23.421	Sprain of chondrosternal joint	Diagnosis	ICD-10-CM
S23.421A	Sprain of chondrosternal joint, initial encounter	Diagnosis	ICD-10-CM
S23.421D	Sprain of chondrosternal joint, subsequent encounter	Diagnosis	ICD-10-CM
S23.421S	Sprain of chondrosternal joint, sequela	Diagnosis	ICD-10-CM
S23.428	Other sprain of sternum	Diagnosis	ICD-10-CM
S23.428A	Other sprain of sternum, initial encounter	Diagnosis	ICD-10-CM
S23.428D	Other sprain of sternum, subsequent encounter	Diagnosis	ICD-10-CM
S23.428S	Other sprain of sternum, sequela	Diagnosis	ICD-10-CM
S23.429	Unspecified sprain of sternum	Diagnosis	ICD-10-CM
S23.429A	Unspecified sprain of sternum, initial encounter	Diagnosis	ICD-10-CM
S23.429D	Unspecified sprain of sternum, subsequent encounter	Diagnosis	ICD-10-CM
S23.429S	Unspecified sprain of sternum, sequela	Diagnosis	ICD-10-CM
S23.8	Sprain of other specified parts of thorax	Diagnosis	ICD-10-CM
S23.8XXA	Sprain of other specified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S23.8XXD	Sprain of other specified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S23.8XXS	Sprain of other specified parts of thorax, sequela	Diagnosis	ICD-10-CM
S23.9	Sprain of unspecified parts of thorax	Diagnosis	ICD-10-CM
S23.9XXA	Sprain of unspecified parts of thorax, initial encounter	Diagnosis	ICD-10-CM
S23.9XXD	Sprain of unspecified parts of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S23.9XXS	Sprain of unspecified parts of thorax, sequela	Diagnosis	ICD-10-CM
S24	Injury of nerves and spinal cord at thorax level	Diagnosis	ICD-10-CM
S24.0	Concussion and edema of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.0XXA	Concussion and edema of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.0XXD	Concussion and edema of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.0XXS	Concussion and edema of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.1	Other and unspecified injuries of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.10	Unspecified injury of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.101	Unspecified injury at T1 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.101D	Unspecified injury at T1 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.101S	Unspecified injury at T1 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.102	Unspecified injury at T2-T6 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102D	Unspecified injury at T2-T6 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S24.102S	Unspecified injury at T2-T6 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.103	Unspecified injury at T7-T10 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103D	Unspecified injury at T7-T10 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.103S	Unspecified injury at T7-T10 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.104	Unspecified injury at T11-T12 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104D	Unspecified injury at T11-T12 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.104S	Unspecified injury at T11-T12 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.109	Unspecified injury at unspecified level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109D	Unspecified injury at unspecified level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.109S	Unspecified injury at unspecified level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.11	Complete lesion of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.111	Complete lesion at T1 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111D	Complete lesion at T1 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.111S	Complete lesion at T1 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.112	Complete lesion at T2-T6 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112D	Complete lesion at T2-T6 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.112S	Complete lesion at T2-T6 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.113	Complete lesion at T7-T10 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113D	Complete lesion at T7-T10 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.113S	Complete lesion at T7-T10 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.114	Complete lesion at T11-T12 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.114D	Complete lesion at T11-T12 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.114S	Complete lesion at T11-T12 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.119	Complete lesion at unspecified level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.119A	Complete lesion at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.119D	Complete lesion at unspecified level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.119S	Complete lesion at unspecified level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.13	Anterior cord syndrome of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.131	Anterior cord syndrome at T1 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131D	Anterior cord syndrome at T1 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.131S	Anterior cord syndrome at T1 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.132	Anterior cord syndrome at T2-T6 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S24.132D	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.132S	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.133	Anterior cord syndrome at T7-T10 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.133D	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.133S	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.134	Anterior cord syndrome at T11-T12 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134D	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.134S	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.139	Anterior cord syndrome at unspecified level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.139A	Anterior cord syndrome at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.139D	Anterior cord syndrome at unspecified level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.139S	Anterior cord syndrome at unspecified level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.14	Brown-Sequard syndrome of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.141	Brown-Sequard syndrome at T1 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.141A	Brown-Sequard syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.141D	Brown-Sequard syndrome at T1 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.141S	Brown-Sequard syndrome at T1 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.142	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.142A	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.142D	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.142S	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.143	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.143A	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.143D	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.143S	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.144	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.144A	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.144D	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.144S	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.149	Brown-Sequard syndrome at unspecified level of thoracic spinal cord	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S24.149A	Brown-Sequard syndrome at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.149D	Brown-Sequard syndrome at unspecified level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.149S	Brown-Sequard syndrome at unspecified level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.15	Other incomplete lesions of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.151	Other incomplete lesion at T1 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151D	Other incomplete lesion at T1 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.151S	Other incomplete lesion at T1 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.152	Other incomplete lesion at T2-T6 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152D	Other incomplete lesion at T2-T6 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.152S	Other incomplete lesion at T2-T6 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.153	Other incomplete lesion at T7-T10 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153D	Other incomplete lesion at T7-T10 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.153S	Other incomplete lesion at T7-T10 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.154	Other incomplete lesion at T11-T12 level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154D	Other incomplete lesion at T11-T12 level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.154S	Other incomplete lesion at T11-T12 level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.159	Other incomplete lesion at unspecified level of thoracic spinal cord	Diagnosis	ICD-10-CM
S24.159A	Other incomplete lesion at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.159D	Other incomplete lesion at unspecified level of thoracic spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S24.159S	Other incomplete lesion at unspecified level of thoracic spinal cord, sequela	Diagnosis	ICD-10-CM
S24.2	Injury of nerve root of thoracic spine	Diagnosis	ICD-10-CM
S24.2XXA	Injury of nerve root of thoracic spine, initial encounter	Diagnosis	ICD-10-CM
S24.2XXD	Injury of nerve root of thoracic spine, subsequent encounter	Diagnosis	ICD-10-CM
S24.2XXS	Injury of nerve root of thoracic spine, sequela	Diagnosis	ICD-10-CM
S24.3	Injury of peripheral nerves of thorax	Diagnosis	ICD-10-CM
S24.3XXA	Injury of peripheral nerves of thorax, initial encounter	Diagnosis	ICD-10-CM
S24.3XXD	Injury of peripheral nerves of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S24.3XXS	Injury of peripheral nerves of thorax, sequela	Diagnosis	ICD-10-CM
S24.4	Injury of thoracic sympathetic nervous system	Diagnosis	ICD-10-CM
S24.4XXA	Injury of thoracic sympathetic nervous system, initial encounter	Diagnosis	ICD-10-CM
S24.4XXD	Injury of thoracic sympathetic nervous system, subsequent encounter	Diagnosis	ICD-10-CM
S24.4XXS	Injury of thoracic sympathetic nervous system, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S24.8	Injury of other specified nerves of thorax	Diagnosis	ICD-10-CM
S24.8XXA	Injury of other specified nerves of thorax, initial encounter	Diagnosis	ICD-10-CM
S24.8XXD	Injury of other specified nerves of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S24.8XXS	Injury of other specified nerves of thorax, sequela	Diagnosis	ICD-10-CM
S24.9	Injury of unspecified nerve of thorax	Diagnosis	ICD-10-CM
S24.9XXA	Injury of unspecified nerve of thorax, initial encounter	Diagnosis	ICD-10-CM
S24.9XXD	Injury of unspecified nerve of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S24.9XXS	Injury of unspecified nerve of thorax, sequela	Diagnosis	ICD-10-CM
S25	Injury of blood vessels of thorax	Diagnosis	ICD-10-CM
S25.0	Injury of thoracic aorta	Diagnosis	ICD-10-CM
S25.00	Unspecified injury of thoracic aorta	Diagnosis	ICD-10-CM
S25.00XA	Unspecified injury of thoracic aorta, initial encounter	Diagnosis	ICD-10-CM
S25.00XD	Unspecified injury of thoracic aorta, subsequent encounter	Diagnosis	ICD-10-CM
S25.00XS	Unspecified injury of thoracic aorta, sequela	Diagnosis	ICD-10-CM
S25.01	Minor laceration of thoracic aorta	Diagnosis	ICD-10-CM
S25.01XA	Minor laceration of thoracic aorta, initial encounter	Diagnosis	ICD-10-CM
S25.01XD	Minor laceration of thoracic aorta, subsequent encounter	Diagnosis	ICD-10-CM
S25.01XS	Minor laceration of thoracic aorta, sequela	Diagnosis	ICD-10-CM
S25.02	Major laceration of thoracic aorta	Diagnosis	ICD-10-CM
S25.02XA	Major laceration of thoracic aorta, initial encounter	Diagnosis	ICD-10-CM
S25.02XD	Major laceration of thoracic aorta, subsequent encounter	Diagnosis	ICD-10-CM
S25.02XS	Major laceration of thoracic aorta, sequela	Diagnosis	ICD-10-CM
S25.09	Other specified injury of thoracic aorta	Diagnosis	ICD-10-CM
S25.09XA	Other specified injury of thoracic aorta, initial encounter	Diagnosis	ICD-10-CM
S25.09XD	Other specified injury of thoracic aorta, subsequent encounter	Diagnosis	ICD-10-CM
S25.09XS	Other specified injury of thoracic aorta, sequela	Diagnosis	ICD-10-CM
S25.1	Injury of innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.10	Unspecified injury of innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.101	Unspecified injury of right innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.101A	Unspecified injury of right innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.101D	Unspecified injury of right innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.101S	Unspecified injury of right innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.102	Unspecified injury of left innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.102A	Unspecified injury of left innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.102D	Unspecified injury of left innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.102S	Unspecified injury of left innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.109	Unspecified injury of unspecified innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.109A	Unspecified injury of unspecified innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.109D	Unspecified injury of unspecified innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.109S	Unspecified injury of unspecified innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.11	Minor laceration of innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.111	Minor laceration of right innominate or subclavian artery	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S25.111A	Minor laceration of right innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.111D	Minor laceration of right innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.111S	Minor laceration of right innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.112	Minor laceration of left innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.112A	Minor laceration of left innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.112D	Minor laceration of left innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.112S	Minor laceration of left innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.119	Minor laceration of unspecified innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.119A	Minor laceration of unspecified innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.119D	Minor laceration of unspecified innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.119S	Minor laceration of unspecified innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.12	Major laceration of innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.121	Major laceration of right innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.121A	Major laceration of right innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.121D	Major laceration of right innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.121S	Major laceration of right innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.122	Major laceration of left innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.122A	Major laceration of left innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.122D	Major laceration of left innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.122S	Major laceration of left innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.129	Major laceration of unspecified innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.129A	Major laceration of unspecified innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.129D	Major laceration of unspecified innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.129S	Major laceration of unspecified innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.19	Other specified injury of innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.191	Other specified injury of right innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.191A	Other specified injury of right innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.191D	Other specified injury of right innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.191S	Other specified injury of right innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.192	Other specified injury of left innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.192A	Other specified injury of left innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.192D	Other specified injury of left innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.192S	Other specified injury of left innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM
S25.199	Other specified injury of unspecified innominate or subclavian artery	Diagnosis	ICD-10-CM
S25.199A	Other specified injury of unspecified innominate or subclavian artery, initial encounter	Diagnosis	ICD-10-CM
S25.199D	Other specified injury of unspecified innominate or subclavian artery, subsequent encounter	Diagnosis	ICD-10-CM
S25.199S	Other specified injury of unspecified innominate or subclavian artery, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S25.2	Injury of superior vena cava	Diagnosis	ICD-10-CM
S25.20	Unspecified injury of superior vena cava	Diagnosis	ICD-10-CM
S25.20XA	Unspecified injury of superior vena cava, initial encounter	Diagnosis	ICD-10-CM
S25.20XD	Unspecified injury of superior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S25.20XS	Unspecified injury of superior vena cava, sequela	Diagnosis	ICD-10-CM
S25.21	Minor laceration of superior vena cava	Diagnosis	ICD-10-CM
S25.21XA	Minor laceration of superior vena cava, initial encounter	Diagnosis	ICD-10-CM
S25.21XD	Minor laceration of superior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S25.21XS	Minor laceration of superior vena cava, sequela	Diagnosis	ICD-10-CM
S25.22	Major laceration of superior vena cava	Diagnosis	ICD-10-CM
S25.22XA	Major laceration of superior vena cava, initial encounter	Diagnosis	ICD-10-CM
S25.22XD	Major laceration of superior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S25.22XS	Major laceration of superior vena cava, sequela	Diagnosis	ICD-10-CM
S25.29	Other specified injury of superior vena cava	Diagnosis	ICD-10-CM
S25.29XA	Other specified injury of superior vena cava, initial encounter	Diagnosis	ICD-10-CM
S25.29XD	Other specified injury of superior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S25.29XS	Other specified injury of superior vena cava, sequela	Diagnosis	ICD-10-CM
S25.3	Injury of innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.30	Unspecified injury of innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.301	Unspecified injury of right innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.301A	Unspecified injury of right innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.301D	Unspecified injury of right innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.301S	Unspecified injury of right innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.302	Unspecified injury of left innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.302A	Unspecified injury of left innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.302D	Unspecified injury of left innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.302S	Unspecified injury of left innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.309	Unspecified injury of unspecified innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.309A	Unspecified injury of unspecified innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.309D	Unspecified injury of unspecified innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.309S	Unspecified injury of unspecified innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.31	Minor laceration of innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.311	Minor laceration of right innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.311A	Minor laceration of right innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.311D	Minor laceration of right innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.311S	Minor laceration of right innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.312	Minor laceration of left innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.312A	Minor laceration of left innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.312D	Minor laceration of left innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.312S	Minor laceration of left innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.319	Minor laceration of unspecified innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.319A	Minor laceration of unspecified innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S25.319D	Minor laceration of unspecified innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.319S	Minor laceration of unspecified innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.32	Major laceration of innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.321	Major laceration of right innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.321A	Major laceration of right innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.321D	Major laceration of right innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.321S	Major laceration of right innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.322	Major laceration of left innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.322A	Major laceration of left innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.322D	Major laceration of left innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.322S	Major laceration of left innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.329	Major laceration of unspecified innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.329A	Major laceration of unspecified innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.329D	Major laceration of unspecified innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.329S	Major laceration of unspecified innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.39	Other specified injury of innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.391	Other specified injury of right innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.391A	Other specified injury of right innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.391D	Other specified injury of right innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.391S	Other specified injury of right innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.392	Other specified injury of left innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.392A	Other specified injury of left innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.392D	Other specified injury of left innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.392S	Other specified injury of left innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.399	Other specified injury of unspecified innominate or subclavian vein	Diagnosis	ICD-10-CM
S25.399A	Other specified injury of unspecified innominate or subclavian vein, initial encounter	Diagnosis	ICD-10-CM
S25.399D	Other specified injury of unspecified innominate or subclavian vein, subsequent encounter	Diagnosis	ICD-10-CM
S25.399S	Other specified injury of unspecified innominate or subclavian vein, sequela	Diagnosis	ICD-10-CM
S25.4	Injury of pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.40	Unspecified injury of pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.401	Unspecified injury of right pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.401A	Unspecified injury of right pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.401D	Unspecified injury of right pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.401S	Unspecified injury of right pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.402	Unspecified injury of left pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.402A	Unspecified injury of left pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.402D	Unspecified injury of left pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.402S	Unspecified injury of left pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.409	Unspecified injury of unspecified pulmonary blood vessels	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S25.409A	Unspecified injury of unspecified pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.409D	Unspecified injury of unspecified pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.409S	Unspecified injury of unspecified pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.41	Minor laceration of pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.411	Minor laceration of right pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.411A	Minor laceration of right pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.411D	Minor laceration of right pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.411S	Minor laceration of right pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.412	Minor laceration of left pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.412A	Minor laceration of left pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.412D	Minor laceration of left pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.412S	Minor laceration of left pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.419	Minor laceration of unspecified pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.419A	Minor laceration of unspecified pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.419D	Minor laceration of unspecified pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.419S	Minor laceration of unspecified pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.42	Major laceration of pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.421	Major laceration of right pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.421A	Major laceration of right pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.421D	Major laceration of right pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.421S	Major laceration of right pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.422	Major laceration of left pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.422A	Major laceration of left pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.422D	Major laceration of left pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.422S	Major laceration of left pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.429	Major laceration of unspecified pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.429A	Major laceration of unspecified pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.429D	Major laceration of unspecified pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.429S	Major laceration of unspecified pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.49	Other specified injury of pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.491	Other specified injury of right pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.491A	Other specified injury of right pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.491D	Other specified injury of right pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.491S	Other specified injury of right pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.492	Other specified injury of left pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.492A	Other specified injury of left pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.492D	Other specified injury of left pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.492S	Other specified injury of left pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.499	Other specified injury of unspecified pulmonary blood vessels	Diagnosis	ICD-10-CM
S25.499A	Other specified injury of unspecified pulmonary blood vessels, initial encounter	Diagnosis	ICD-10-CM
S25.499D	Other specified injury of unspecified pulmonary blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S25.499S	Other specified injury of unspecified pulmonary blood vessels, sequela	Diagnosis	ICD-10-CM
S25.5	Injury of intercostal blood vessels	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S25.50	Unspecified injury of intercostal blood vessels	Diagnosis	ICD-10-CM
S25.501	Unspecified injury of intercostal blood vessels, right side	Diagnosis	ICD-10-CM
S25.501A	Unspecified injury of intercostal blood vessels, right side, initial encounter	Diagnosis	ICD-10-CM
S25.501D	Unspecified injury of intercostal blood vessels, right side, subsequent encounter	Diagnosis	ICD-10-CM
S25.501S	Unspecified injury of intercostal blood vessels, right side, sequela	Diagnosis	ICD-10-CM
S25.502	Unspecified injury of intercostal blood vessels, left side	Diagnosis	ICD-10-CM
S25.502A	Unspecified injury of intercostal blood vessels, left side, initial encounter	Diagnosis	ICD-10-CM
S25.502D	Unspecified injury of intercostal blood vessels, left side, subsequent encounter	Diagnosis	ICD-10-CM
S25.502S	Unspecified injury of intercostal blood vessels, left side, sequela	Diagnosis	ICD-10-CM
S25.509	Unspecified injury of intercostal blood vessels, unspecified side	Diagnosis	ICD-10-CM
S25.509A	Unspecified injury of intercostal blood vessels, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S25.509D	Unspecified injury of intercostal blood vessels, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S25.509S	Unspecified injury of intercostal blood vessels, unspecified side, sequela	Diagnosis	ICD-10-CM
S25.51	Laceration of intercostal blood vessels	Diagnosis	ICD-10-CM
S25.511	Laceration of intercostal blood vessels, right side	Diagnosis	ICD-10-CM
S25.511A	Laceration of intercostal blood vessels, right side, initial encounter	Diagnosis	ICD-10-CM
S25.511D	Laceration of intercostal blood vessels, right side, subsequent encounter	Diagnosis	ICD-10-CM
S25.511S	Laceration of intercostal blood vessels, right side, sequela	Diagnosis	ICD-10-CM
S25.512	Laceration of intercostal blood vessels, left side	Diagnosis	ICD-10-CM
S25.512A	Laceration of intercostal blood vessels, left side, initial encounter	Diagnosis	ICD-10-CM
S25.512D	Laceration of intercostal blood vessels, left side, subsequent encounter	Diagnosis	ICD-10-CM
S25.512S	Laceration of intercostal blood vessels, left side, sequela	Diagnosis	ICD-10-CM
S25.519	Laceration of intercostal blood vessels, unspecified side	Diagnosis	ICD-10-CM
S25.519A	Laceration of intercostal blood vessels, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S25.519D	Laceration of intercostal blood vessels, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S25.519S	Laceration of intercostal blood vessels, unspecified side, sequela	Diagnosis	ICD-10-CM
S25.59	Other specified injury of intercostal blood vessels	Diagnosis	ICD-10-CM
S25.591	Other specified injury of intercostal blood vessels, right side	Diagnosis	ICD-10-CM
S25.591A	Other specified injury of intercostal blood vessels, right side, initial encounter	Diagnosis	ICD-10-CM
S25.591D	Other specified injury of intercostal blood vessels, right side, subsequent encounter	Diagnosis	ICD-10-CM
S25.591S	Other specified injury of intercostal blood vessels, right side, sequela	Diagnosis	ICD-10-CM
S25.592	Other specified injury of intercostal blood vessels, left side	Diagnosis	ICD-10-CM
S25.592A	Other specified injury of intercostal blood vessels, left side, initial encounter	Diagnosis	ICD-10-CM
S25.592D	Other specified injury of intercostal blood vessels, left side, subsequent encounter	Diagnosis	ICD-10-CM
S25.592S	Other specified injury of intercostal blood vessels, left side, sequela	Diagnosis	ICD-10-CM
S25.599	Other specified injury of intercostal blood vessels, unspecified side	Diagnosis	ICD-10-CM
S25.599A	Other specified injury of intercostal blood vessels, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S25.599D	Other specified injury of intercostal blood vessels, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S25.599S	Other specified injury of intercostal blood vessels, unspecified side, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S25.8	Injury of other blood vessels of thorax	Diagnosis	ICD-10-CM
S25.80	Unspecified injury of other blood vessels of thorax	Diagnosis	ICD-10-CM
S25.801	Unspecified injury of other blood vessels of thorax, right side	Diagnosis	ICD-10-CM
S25.801A	Unspecified injury of other blood vessels of thorax, right side, initial encounter	Diagnosis	ICD-10-CM
S25.801D	Unspecified injury of other blood vessels of thorax, right side, subsequent encounter	Diagnosis	ICD-10-CM
S25.801S	Unspecified injury of other blood vessels of thorax, right side, sequela	Diagnosis	ICD-10-CM
S25.802	Unspecified injury of other blood vessels of thorax, left side	Diagnosis	ICD-10-CM
S25.802A	Unspecified injury of other blood vessels of thorax, left side, initial encounter	Diagnosis	ICD-10-CM
S25.802D	Unspecified injury of other blood vessels of thorax, left side, subsequent encounter	Diagnosis	ICD-10-CM
S25.802S	Unspecified injury of other blood vessels of thorax, left side, sequela	Diagnosis	ICD-10-CM
S25.809	Unspecified injury of other blood vessels of thorax, unspecified side	Diagnosis	ICD-10-CM
S25.809A	Unspecified injury of other blood vessels of thorax, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S25.809D	Unspecified injury of other blood vessels of thorax, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S25.809S	Unspecified injury of other blood vessels of thorax, unspecified side, sequela	Diagnosis	ICD-10-CM
S25.81	Laceration of other blood vessels of thorax	Diagnosis	ICD-10-CM
S25.811	Laceration of other blood vessels of thorax, right side	Diagnosis	ICD-10-CM
S25.811A	Laceration of other blood vessels of thorax, right side, initial encounter	Diagnosis	ICD-10-CM
S25.811D	Laceration of other blood vessels of thorax, right side, subsequent encounter	Diagnosis	ICD-10-CM
S25.811S	Laceration of other blood vessels of thorax, right side, sequela	Diagnosis	ICD-10-CM
S25.812	Laceration of other blood vessels of thorax, left side	Diagnosis	ICD-10-CM
S25.812A	Laceration of other blood vessels of thorax, left side, initial encounter	Diagnosis	ICD-10-CM
S25.812D	Laceration of other blood vessels of thorax, left side, subsequent encounter	Diagnosis	ICD-10-CM
S25.812S	Laceration of other blood vessels of thorax, left side, sequela	Diagnosis	ICD-10-CM
S25.819	Laceration of other blood vessels of thorax, unspecified side	Diagnosis	ICD-10-CM
S25.819A	Laceration of other blood vessels of thorax, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S25.819D	Laceration of other blood vessels of thorax, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S25.819S	Laceration of other blood vessels of thorax, unspecified side, sequela	Diagnosis	ICD-10-CM
S25.89	Other specified injury of other blood vessels of thorax	Diagnosis	ICD-10-CM
S25.891	Other specified injury of other blood vessels of thorax, right side	Diagnosis	ICD-10-CM
S25.891A	Other specified injury of other blood vessels of thorax, right side, initial encounter	Diagnosis	ICD-10-CM
S25.891D	Other specified injury of other blood vessels of thorax, right side, subsequent encounter	Diagnosis	ICD-10-CM
S25.891S	Other specified injury of other blood vessels of thorax, right side, sequela	Diagnosis	ICD-10-CM
S25.892	Other specified injury of other blood vessels of thorax, left side	Diagnosis	ICD-10-CM
S25.892A	Other specified injury of other blood vessels of thorax, left side, initial encounter	Diagnosis	ICD-10-CM
S25.892D	Other specified injury of other blood vessels of thorax, left side, subsequent encounter	Diagnosis	ICD-10-CM
S25.892S	Other specified injury of other blood vessels of thorax, left side, sequela	Diagnosis	ICD-10-CM
S25.899	Other specified injury of other blood vessels of thorax, unspecified side	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S25.899A	Other specified injury of other blood vessels of thorax, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S25.899D	Other specified injury of other blood vessels of thorax, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S25.899S	Other specified injury of other blood vessels of thorax, unspecified side, sequela	Diagnosis	ICD-10-CM
S25.9	Injury of unspecified blood vessel of thorax	Diagnosis	ICD-10-CM
S25.90	Unspecified injury of unspecified blood vessel of thorax	Diagnosis	ICD-10-CM
S25.90XA	Unspecified injury of unspecified blood vessel of thorax, initial encounter	Diagnosis	ICD-10-CM
S25.90XD	Unspecified injury of unspecified blood vessel of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S25.90XS	Unspecified injury of unspecified blood vessel of thorax, sequela	Diagnosis	ICD-10-CM
S25.91	Laceration of unspecified blood vessel of thorax	Diagnosis	ICD-10-CM
S25.91XA	Laceration of unspecified blood vessel of thorax, initial encounter	Diagnosis	ICD-10-CM
S25.91XD	Laceration of unspecified blood vessel of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S25.91XS	Laceration of unspecified blood vessel of thorax, sequela	Diagnosis	ICD-10-CM
S25.99	Other specified injury of unspecified blood vessel of thorax	Diagnosis	ICD-10-CM
S25.99XA	Other specified injury of unspecified blood vessel of thorax, initial encounter	Diagnosis	ICD-10-CM
S25.99XD	Other specified injury of unspecified blood vessel of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S25.99XS	Other specified injury of unspecified blood vessel of thorax, sequela	Diagnosis	ICD-10-CM
S26	Injury of heart	Diagnosis	ICD-10-CM
S26.0	Injury of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.00	Unspecified injury of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.00XA	Unspecified injury of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.00XD	Unspecified injury of heart with hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.00XS	Unspecified injury of heart with hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.01	Contusion of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.01XA	Contusion of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.01XD	Contusion of heart with hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.01XS	Contusion of heart with hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.02	Laceration of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.020	Mild laceration of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.020A	Mild laceration of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.020D	Mild laceration of heart with hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.020S	Mild laceration of heart with hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.021	Moderate laceration of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.021A	Moderate laceration of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.021D	Moderate laceration of heart with hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.021S	Moderate laceration of heart with hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.022	Major laceration of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.022A	Major laceration of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.022D	Major laceration of heart with hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.022S	Major laceration of heart with hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.09	Other injury of heart with hemopericardium	Diagnosis	ICD-10-CM
S26.09XA	Other injury of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.09XD	Other injury of heart with hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S26.09XS	Other injury of heart with hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.1	Injury of heart without hemopericardium	Diagnosis	ICD-10-CM
S26.10	Unspecified injury of heart without hemopericardium	Diagnosis	ICD-10-CM
S26.10XA	Unspecified injury of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.10XD	Unspecified injury of heart without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.10XS	Unspecified injury of heart without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.11	Contusion of heart without hemopericardium	Diagnosis	ICD-10-CM
S26.11XA	Contusion of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.11XD	Contusion of heart without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.11XS	Contusion of heart without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.12	Laceration of heart without hemopericardium	Diagnosis	ICD-10-CM
S26.12XA	Laceration of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.12XD	Laceration of heart without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.12XS	Laceration of heart without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.19	Other injury of heart without hemopericardium	Diagnosis	ICD-10-CM
S26.19XA	Other injury of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.19XD	Other injury of heart without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.19XS	Other injury of heart without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.9	Injury of heart, unspecified with or without hemopericardium	Diagnosis	ICD-10-CM
S26.90	Unspecified injury of heart, unspecified with or without hemopericardium	Diagnosis	ICD-10-CM
S26.90XA	Unspecified injury of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.90XD	Unspecified injury of heart, unspecified with or without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.90XS	Unspecified injury of heart, unspecified with or without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.91	Contusion of heart, unspecified with or without hemopericardium	Diagnosis	ICD-10-CM
S26.91XA	Contusion of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.91XD	Contusion of heart, unspecified with or without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.91XS	Contusion of heart, unspecified with or without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.92	Laceration of heart, unspecified with or without hemopericardium	Diagnosis	ICD-10-CM
S26.92XA	Laceration of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.92XD	Laceration of heart, unspecified with or without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.92XS	Laceration of heart, unspecified with or without hemopericardium, sequela	Diagnosis	ICD-10-CM
S26.99	Other injury of heart, unspecified with or without hemopericardium	Diagnosis	ICD-10-CM
S26.99XA	Other injury of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.99XD	Other injury of heart, unspecified with or without hemopericardium, subsequent encounter	Diagnosis	ICD-10-CM
S26.99XS	Other injury of heart, unspecified with or without hemopericardium, sequela	Diagnosis	ICD-10-CM
S27	Injury of other and unspecified intrathoracic organs	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S27.0	Traumatic pneumothorax	Diagnosis	ICD-10-CM
S27.0XXA	Traumatic pneumothorax, initial encounter	Diagnosis	ICD-10-CM
S27.0XXD	Traumatic pneumothorax, subsequent encounter	Diagnosis	ICD-10-CM
S27.0XXS	Traumatic pneumothorax, sequela	Diagnosis	ICD-10-CM
S27.1	Traumatic hemothorax	Diagnosis	ICD-10-CM
S27.1XXA	Traumatic hemothorax, initial encounter	Diagnosis	ICD-10-CM
S27.1XXD	Traumatic hemothorax, subsequent encounter	Diagnosis	ICD-10-CM
S27.1XXS	Traumatic hemothorax, sequela	Diagnosis	ICD-10-CM
S27.2	Traumatic hemopneumothorax	Diagnosis	ICD-10-CM
S27.2XXA	Traumatic hemopneumothorax, initial encounter	Diagnosis	ICD-10-CM
S27.2XXD	Traumatic hemopneumothorax, subsequent encounter	Diagnosis	ICD-10-CM
S27.2XXS	Traumatic hemopneumothorax, sequela	Diagnosis	ICD-10-CM
S27.3	Other and unspecified injuries of lung	Diagnosis	ICD-10-CM
S27.30	Unspecified injury of lung	Diagnosis	ICD-10-CM
S27.301	Unspecified injury of lung, unilateral	Diagnosis	ICD-10-CM
S27.301A	Unspecified injury of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.301D	Unspecified injury of lung, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.301S	Unspecified injury of lung, unilateral, sequela	Diagnosis	ICD-10-CM
S27.302	Unspecified injury of lung, bilateral	Diagnosis	ICD-10-CM
S27.302A	Unspecified injury of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.302D	Unspecified injury of lung, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.302S	Unspecified injury of lung, bilateral, sequela	Diagnosis	ICD-10-CM
S27.309	Unspecified injury of lung, unspecified	Diagnosis	ICD-10-CM
S27.309A	Unspecified injury of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.309D	Unspecified injury of lung, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.309S	Unspecified injury of lung, unspecified, sequela	Diagnosis	ICD-10-CM
S27.31	Primary blast injury of lung	Diagnosis	ICD-10-CM
S27.311	Primary blast injury of lung, unilateral	Diagnosis	ICD-10-CM
S27.311A	Primary blast injury of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.311D	Primary blast injury of lung, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.311S	Primary blast injury of lung, unilateral, sequela	Diagnosis	ICD-10-CM
S27.312	Primary blast injury of lung, bilateral	Diagnosis	ICD-10-CM
S27.312A	Primary blast injury of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.312D	Primary blast injury of lung, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.312S	Primary blast injury of lung, bilateral, sequela	Diagnosis	ICD-10-CM
S27.319	Primary blast injury of lung, unspecified	Diagnosis	ICD-10-CM
S27.319A	Primary blast injury of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.319D	Primary blast injury of lung, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.319S	Primary blast injury of lung, unspecified, sequela	Diagnosis	ICD-10-CM
S27.32	Contusion of lung	Diagnosis	ICD-10-CM
S27.321	Contusion of lung, unilateral	Diagnosis	ICD-10-CM
S27.321A	Contusion of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.321D	Contusion of lung, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.321S	Contusion of lung, unilateral, sequela	Diagnosis	ICD-10-CM
S27.322	Contusion of lung, bilateral	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S27.322A	Contusion of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.322D	Contusion of lung, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.322S	Contusion of lung, bilateral, sequela	Diagnosis	ICD-10-CM
S27.329	Contusion of lung, unspecified	Diagnosis	ICD-10-CM
S27.329A	Contusion of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.329D	Contusion of lung, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.329S	Contusion of lung, unspecified, sequela	Diagnosis	ICD-10-CM
S27.33	Laceration of lung	Diagnosis	ICD-10-CM
S27.331	Laceration of lung, unilateral	Diagnosis	ICD-10-CM
S27.331A	Laceration of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.331D	Laceration of lung, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.331S	Laceration of lung, unilateral, sequela	Diagnosis	ICD-10-CM
S27.332	Laceration of lung, bilateral	Diagnosis	ICD-10-CM
S27.332A	Laceration of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.332D	Laceration of lung, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.332S	Laceration of lung, bilateral, sequela	Diagnosis	ICD-10-CM
S27.339	Laceration of lung, unspecified	Diagnosis	ICD-10-CM
S27.339A	Laceration of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.339D	Laceration of lung, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.339S	Laceration of lung, unspecified, sequela	Diagnosis	ICD-10-CM
S27.39	Other injuries of lung	Diagnosis	ICD-10-CM
S27.391	Other injuries of lung, unilateral	Diagnosis	ICD-10-CM
S27.391A	Other injuries of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.391D	Other injuries of lung, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.391S	Other injuries of lung, unilateral, sequela	Diagnosis	ICD-10-CM
S27.392	Other injuries of lung, bilateral	Diagnosis	ICD-10-CM
S27.392A	Other injuries of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.392D	Other injuries of lung, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.392S	Other injuries of lung, bilateral, sequela	Diagnosis	ICD-10-CM
S27.399	Other injuries of lung, unspecified	Diagnosis	ICD-10-CM
S27.399A	Other injuries of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.399D	Other injuries of lung, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.399S	Other injuries of lung, unspecified, sequela	Diagnosis	ICD-10-CM
S27.4	Injury of bronchus	Diagnosis	ICD-10-CM
S27.40	Unspecified injury of bronchus	Diagnosis	ICD-10-CM
S27.401	Unspecified injury of bronchus, unilateral	Diagnosis	ICD-10-CM
S27.401A	Unspecified injury of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.401D	Unspecified injury of bronchus, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.401S	Unspecified injury of bronchus, unilateral, sequela	Diagnosis	ICD-10-CM
S27.402	Unspecified injury of bronchus, bilateral	Diagnosis	ICD-10-CM
S27.402A	Unspecified injury of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.402D	Unspecified injury of bronchus, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.402S	Unspecified injury of bronchus, bilateral, sequela	Diagnosis	ICD-10-CM
S27.409	Unspecified injury of bronchus, unspecified	Diagnosis	ICD-10-CM
S27.409A	Unspecified injury of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S27.409D	Unspecified injury of bronchus, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.409S	Unspecified injury of bronchus, unspecified, sequela	Diagnosis	ICD-10-CM
S27.41	Primary blast injury of bronchus	Diagnosis	ICD-10-CM
S27.411	Primary blast injury of bronchus, unilateral	Diagnosis	ICD-10-CM
S27.411A	Primary blast injury of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.411D	Primary blast injury of bronchus, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.411S	Primary blast injury of bronchus, unilateral, sequela	Diagnosis	ICD-10-CM
S27.412	Primary blast injury of bronchus, bilateral	Diagnosis	ICD-10-CM
S27.412A	Primary blast injury of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.412D	Primary blast injury of bronchus, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.412S	Primary blast injury of bronchus, bilateral, sequela	Diagnosis	ICD-10-CM
S27.419	Primary blast injury of bronchus, unspecified	Diagnosis	ICD-10-CM
S27.419A	Primary blast injury of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.419D	Primary blast injury of bronchus, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.419S	Primary blast injury of bronchus, unspecified, sequela	Diagnosis	ICD-10-CM
S27.42	Contusion of bronchus	Diagnosis	ICD-10-CM
S27.421	Contusion of bronchus, unilateral	Diagnosis	ICD-10-CM
S27.421A	Contusion of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.421D	Contusion of bronchus, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.421S	Contusion of bronchus, unilateral, sequela	Diagnosis	ICD-10-CM
S27.422	Contusion of bronchus, bilateral	Diagnosis	ICD-10-CM
S27.422A	Contusion of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.422D	Contusion of bronchus, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.422S	Contusion of bronchus, bilateral, sequela	Diagnosis	ICD-10-CM
S27.429	Contusion of bronchus, unspecified	Diagnosis	ICD-10-CM
S27.429A	Contusion of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.429D	Contusion of bronchus, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.429S	Contusion of bronchus, unspecified, sequela	Diagnosis	ICD-10-CM
S27.43	Laceration of bronchus	Diagnosis	ICD-10-CM
S27.431	Laceration of bronchus, unilateral	Diagnosis	ICD-10-CM
S27.431A	Laceration of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.431D	Laceration of bronchus, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.431S	Laceration of bronchus, unilateral, sequela	Diagnosis	ICD-10-CM
S27.432	Laceration of bronchus, bilateral	Diagnosis	ICD-10-CM
S27.432A	Laceration of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.432D	Laceration of bronchus, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.432S	Laceration of bronchus, bilateral, sequela	Diagnosis	ICD-10-CM
S27.439	Laceration of bronchus, unspecified	Diagnosis	ICD-10-CM
S27.439A	Laceration of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.439D	Laceration of bronchus, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.439S	Laceration of bronchus, unspecified, sequela	Diagnosis	ICD-10-CM
S27.49	Other injury of bronchus	Diagnosis	ICD-10-CM
S27.491	Other injury of bronchus, unilateral	Diagnosis	ICD-10-CM
S27.491A	Other injury of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.491D	Other injury of bronchus, unilateral, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S27.491S	Other injury of bronchus, unilateral, sequela	Diagnosis	ICD-10-CM
S27.492	Other injury of bronchus, bilateral	Diagnosis	ICD-10-CM
S27.492A	Other injury of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.492D	Other injury of bronchus, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S27.492S	Other injury of bronchus, bilateral, sequela	Diagnosis	ICD-10-CM
S27.499	Other injury of bronchus, unspecified	Diagnosis	ICD-10-CM
S27.499A	Other injury of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.499D	Other injury of bronchus, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S27.499S	Other injury of bronchus, unspecified, sequela	Diagnosis	ICD-10-CM
S27.5	Injury of thoracic trachea	Diagnosis	ICD-10-CM
S27.50	Unspecified injury of thoracic trachea	Diagnosis	ICD-10-CM
S27.50XA	Unspecified injury of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.50XD	Unspecified injury of thoracic trachea, subsequent encounter	Diagnosis	ICD-10-CM
S27.50XS	Unspecified injury of thoracic trachea, sequela	Diagnosis	ICD-10-CM
S27.51	Primary blast injury of thoracic trachea	Diagnosis	ICD-10-CM
S27.51XA	Primary blast injury of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.51XD	Primary blast injury of thoracic trachea, subsequent encounter	Diagnosis	ICD-10-CM
S27.51XS	Primary blast injury of thoracic trachea, sequela	Diagnosis	ICD-10-CM
S27.52	Contusion of thoracic trachea	Diagnosis	ICD-10-CM
S27.52XA	Contusion of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.52XD	Contusion of thoracic trachea, subsequent encounter	Diagnosis	ICD-10-CM
S27.52XS	Contusion of thoracic trachea, sequela	Diagnosis	ICD-10-CM
S27.53	Laceration of thoracic trachea	Diagnosis	ICD-10-CM
S27.53XA	Laceration of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.53XD	Laceration of thoracic trachea, subsequent encounter	Diagnosis	ICD-10-CM
S27.53XS	Laceration of thoracic trachea, sequela	Diagnosis	ICD-10-CM
S27.59	Other injury of thoracic trachea	Diagnosis	ICD-10-CM
S27.59XA	Other injury of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.59XD	Other injury of thoracic trachea, subsequent encounter	Diagnosis	ICD-10-CM
S27.59XS	Other injury of thoracic trachea, sequela	Diagnosis	ICD-10-CM
S27.6	Injury of pleura	Diagnosis	ICD-10-CM
S27.60	Unspecified injury of pleura	Diagnosis	ICD-10-CM
S27.60XA	Unspecified injury of pleura, initial encounter	Diagnosis	ICD-10-CM
S27.60XD	Unspecified injury of pleura, subsequent encounter	Diagnosis	ICD-10-CM
S27.60XS	Unspecified injury of pleura, sequela	Diagnosis	ICD-10-CM
S27.63	Laceration of pleura	Diagnosis	ICD-10-CM
S27.63XA	Laceration of pleura, initial encounter	Diagnosis	ICD-10-CM
S27.63XD	Laceration of pleura, subsequent encounter	Diagnosis	ICD-10-CM
S27.63XS	Laceration of pleura, sequela	Diagnosis	ICD-10-CM
S27.69	Other injury of pleura	Diagnosis	ICD-10-CM
S27.69XA	Other injury of pleura, initial encounter	Diagnosis	ICD-10-CM
S27.69XD	Other injury of pleura, subsequent encounter	Diagnosis	ICD-10-CM
S27.69XS	Other injury of pleura, sequela	Diagnosis	ICD-10-CM
S27.8	Injury of other specified intrathoracic organs	Diagnosis	ICD-10-CM
S27.80	Injury of diaphragm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S27.802	Contusion of diaphragm	Diagnosis	ICD-10-CM
S27.802A	Contusion of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.802D	Contusion of diaphragm, subsequent encounter	Diagnosis	ICD-10-CM
S27.802S	Contusion of diaphragm, sequela	Diagnosis	ICD-10-CM
S27.803	Laceration of diaphragm	Diagnosis	ICD-10-CM
S27.803A	Laceration of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.803D	Laceration of diaphragm, subsequent encounter	Diagnosis	ICD-10-CM
S27.803S	Laceration of diaphragm, sequela	Diagnosis	ICD-10-CM
S27.808	Other injury of diaphragm	Diagnosis	ICD-10-CM
S27.808A	Other injury of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.808D	Other injury of diaphragm, subsequent encounter	Diagnosis	ICD-10-CM
S27.808S	Other injury of diaphragm, sequela	Diagnosis	ICD-10-CM
S27.809	Unspecified injury of diaphragm	Diagnosis	ICD-10-CM
S27.809A	Unspecified injury of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.809D	Unspecified injury of diaphragm, subsequent encounter	Diagnosis	ICD-10-CM
S27.809S	Unspecified injury of diaphragm, sequela	Diagnosis	ICD-10-CM
S27.81	Injury of esophagus (thoracic part)	Diagnosis	ICD-10-CM
S27.812	Contusion of esophagus (thoracic part)	Diagnosis	ICD-10-CM
S27.812A	Contusion of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.812D	Contusion of esophagus (thoracic part), subsequent encounter	Diagnosis	ICD-10-CM
S27.812S	Contusion of esophagus (thoracic part), sequela	Diagnosis	ICD-10-CM
S27.813	Laceration of esophagus (thoracic part)	Diagnosis	ICD-10-CM
S27.813A	Laceration of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.813D	Laceration of esophagus (thoracic part), subsequent encounter	Diagnosis	ICD-10-CM
S27.813S	Laceration of esophagus (thoracic part), sequela	Diagnosis	ICD-10-CM
S27.818	Other injury of esophagus (thoracic part)	Diagnosis	ICD-10-CM
S27.818A	Other injury of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.818D	Other injury of esophagus (thoracic part), subsequent encounter	Diagnosis	ICD-10-CM
S27.818S	Other injury of esophagus (thoracic part), sequela	Diagnosis	ICD-10-CM
S27.819	Unspecified injury of esophagus (thoracic part)	Diagnosis	ICD-10-CM
S27.819A	Unspecified injury of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.819D	Unspecified injury of esophagus (thoracic part), subsequent encounter	Diagnosis	ICD-10-CM
S27.819S	Unspecified injury of esophagus (thoracic part), sequela	Diagnosis	ICD-10-CM
S27.89	Injury of other specified intrathoracic organs	Diagnosis	ICD-10-CM
S27.892	Contusion of other specified intrathoracic organs	Diagnosis	ICD-10-CM
S27.892A	Contusion of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.892D	Contusion of other specified intrathoracic organs, subsequent encounter	Diagnosis	ICD-10-CM
S27.892S	Contusion of other specified intrathoracic organs, sequela	Diagnosis	ICD-10-CM
S27.893	Laceration of other specified intrathoracic organs	Diagnosis	ICD-10-CM
S27.893A	Laceration of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.893D	Laceration of other specified intrathoracic organs, subsequent encounter	Diagnosis	ICD-10-CM
S27.893S	Laceration of other specified intrathoracic organs, sequela	Diagnosis	ICD-10-CM
S27.898	Other injury of other specified intrathoracic organs	Diagnosis	ICD-10-CM
S27.898A	Other injury of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.898D	Other injury of other specified intrathoracic organs, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S27.898S	Other injury of other specified intrathoracic organs, sequela	Diagnosis	ICD-10-CM
S27.899	Unspecified injury of other specified intrathoracic organs	Diagnosis	ICD-10-CM
S27.899A	Unspecified injury of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.899D	Unspecified injury of other specified intrathoracic organs, subsequent encounter	Diagnosis	ICD-10-CM
S27.899S	Unspecified injury of other specified intrathoracic organs, sequela	Diagnosis	ICD-10-CM
S27.9	Injury of unspecified intrathoracic organ	Diagnosis	ICD-10-CM
S27.9XXA	Injury of unspecified intrathoracic organ, initial encounter	Diagnosis	ICD-10-CM
S27.9XXD	Injury of unspecified intrathoracic organ, subsequent encounter	Diagnosis	ICD-10-CM
S27.9XXS	Injury of unspecified intrathoracic organ, sequela	Diagnosis	ICD-10-CM
S28	Crushing injury of thorax, and traumatic amputation of part of thorax	Diagnosis	ICD-10-CM
S28.0	Crushed chest	Diagnosis	ICD-10-CM
S28.0XXA	Crushed chest, initial encounter	Diagnosis	ICD-10-CM
S28.0XXD	Crushed chest, subsequent encounter	Diagnosis	ICD-10-CM
S28.0XXS	Crushed chest, sequela	Diagnosis	ICD-10-CM
S28.1	Traumatic amputation (partial) of part of thorax, except breast	Diagnosis	ICD-10-CM
S28.1XXA	Traumatic amputation (partial) of part of thorax, except breast, initial encounter	Diagnosis	ICD-10-CM
S28.1XXD	Traumatic amputation (partial) of part of thorax, except breast, subsequent encounter	Diagnosis	ICD-10-CM
S28.1XXS	Traumatic amputation (partial) of part of thorax, except breast, sequela	Diagnosis	ICD-10-CM
S28.2	Traumatic amputation of breast	Diagnosis	ICD-10-CM
S28.21	Complete traumatic amputation of breast	Diagnosis	ICD-10-CM
S28.211	Complete traumatic amputation of right breast	Diagnosis	ICD-10-CM
S28.211A	Complete traumatic amputation of right breast, initial encounter	Diagnosis	ICD-10-CM
S28.211D	Complete traumatic amputation of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S28.211S	Complete traumatic amputation of right breast, sequela	Diagnosis	ICD-10-CM
S28.212	Complete traumatic amputation of left breast	Diagnosis	ICD-10-CM
S28.212A	Complete traumatic amputation of left breast, initial encounter	Diagnosis	ICD-10-CM
S28.212D	Complete traumatic amputation of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S28.212S	Complete traumatic amputation of left breast, sequela	Diagnosis	ICD-10-CM
S28.219	Complete traumatic amputation of unspecified breast	Diagnosis	ICD-10-CM
S28.219A	Complete traumatic amputation of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S28.219D	Complete traumatic amputation of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM
S28.219S	Complete traumatic amputation of unspecified breast, sequela	Diagnosis	ICD-10-CM
S28.22	Partial traumatic amputation of breast	Diagnosis	ICD-10-CM
S28.221	Partial traumatic amputation of right breast	Diagnosis	ICD-10-CM
S28.221A	Partial traumatic amputation of right breast, initial encounter	Diagnosis	ICD-10-CM
S28.221D	Partial traumatic amputation of right breast, subsequent encounter	Diagnosis	ICD-10-CM
S28.221S	Partial traumatic amputation of right breast, sequela	Diagnosis	ICD-10-CM
S28.222	Partial traumatic amputation of left breast	Diagnosis	ICD-10-CM
S28.222A	Partial traumatic amputation of left breast, initial encounter	Diagnosis	ICD-10-CM
S28.222D	Partial traumatic amputation of left breast, subsequent encounter	Diagnosis	ICD-10-CM
S28.222S	Partial traumatic amputation of left breast, sequela	Diagnosis	ICD-10-CM
S28.229	Partial traumatic amputation of unspecified breast	Diagnosis	ICD-10-CM
S28.229A	Partial traumatic amputation of unspecified breast, initial encounter	Diagnosis	ICD-10-CM
S28.229D	Partial traumatic amputation of unspecified breast, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S28.229S	Partial traumatic amputation of unspecified breast, sequela	Diagnosis	ICD-10-CM
S29	Other and unspecified injuries of thorax	Diagnosis	ICD-10-CM
S29.0	Injury of muscle and tendon at thorax level	Diagnosis	ICD-10-CM
S29.00	Unspecified injury of muscle and tendon of thorax	Diagnosis	ICD-10-CM
S29.001	Unspecified injury of muscle and tendon of front wall of thorax	Diagnosis	ICD-10-CM
S29.001A	Unspecified injury of muscle and tendon of front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.001D	Unspecified injury of muscle and tendon of front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.001S	Unspecified injury of muscle and tendon of front wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.002	Unspecified injury of muscle and tendon of back wall of thorax	Diagnosis	ICD-10-CM
S29.002A	Unspecified injury of muscle and tendon of back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.002D	Unspecified injury of muscle and tendon of back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.002S	Unspecified injury of muscle and tendon of back wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.009	Unspecified injury of muscle and tendon of unspecified wall of thorax	Diagnosis	ICD-10-CM
S29.009A	Unspecified injury of muscle and tendon of unspecified wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.009D	Unspecified injury of muscle and tendon of unspecified wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.009S	Unspecified injury of muscle and tendon of unspecified wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.01	Strain of muscle and tendon of thorax	Diagnosis	ICD-10-CM
S29.011	Strain of muscle and tendon of front wall of thorax	Diagnosis	ICD-10-CM
S29.011A	Strain of muscle and tendon of front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.011D	Strain of muscle and tendon of front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.011S	Strain of muscle and tendon of front wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.012	Strain of muscle and tendon of back wall of thorax	Diagnosis	ICD-10-CM
S29.012A	Strain of muscle and tendon of back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.012D	Strain of muscle and tendon of back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.012S	Strain of muscle and tendon of back wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.019	Strain of muscle and tendon of unspecified wall of thorax	Diagnosis	ICD-10-CM
S29.019A	Strain of muscle and tendon of unspecified wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.019D	Strain of muscle and tendon of unspecified wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.019S	Strain of muscle and tendon of unspecified wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.02	Laceration of muscle and tendon of thorax	Diagnosis	ICD-10-CM
S29.021	Laceration of muscle and tendon of front wall of thorax	Diagnosis	ICD-10-CM
S29.021A	Laceration of muscle and tendon of front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.021D	Laceration of muscle and tendon of front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.021S	Laceration of muscle and tendon of front wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.022	Laceration of muscle and tendon of back wall of thorax	Diagnosis	ICD-10-CM
S29.022A	Laceration of muscle and tendon of back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.022D	Laceration of muscle and tendon of back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.022S	Laceration of muscle and tendon of back wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.029	Laceration of muscle and tendon of unspecified wall of thorax	Diagnosis	ICD-10-CM
S29.029A	Laceration of muscle and tendon of unspecified wall of thorax, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S29.029D	Laceration of muscle and tendon of unspecified wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.029S	Laceration of muscle and tendon of unspecified wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.09	Other injury of muscle and tendon of thorax	Diagnosis	ICD-10-CM
S29.091	Other injury of muscle and tendon of front wall of thorax	Diagnosis	ICD-10-CM
S29.091A	Other injury of muscle and tendon of front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.091D	Other injury of muscle and tendon of front wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.091S	Other injury of muscle and tendon of front wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.092	Other injury of muscle and tendon of back wall of thorax	Diagnosis	ICD-10-CM
S29.092A	Other injury of muscle and tendon of back wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.092D	Other injury of muscle and tendon of back wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.092S	Other injury of muscle and tendon of back wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.099	Other injury of muscle and tendon of unspecified wall of thorax	Diagnosis	ICD-10-CM
S29.099A	Other injury of muscle and tendon of unspecified wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.099D	Other injury of muscle and tendon of unspecified wall of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.099S	Other injury of muscle and tendon of unspecified wall of thorax, sequela	Diagnosis	ICD-10-CM
S29.8	Other specified injuries of thorax	Diagnosis	ICD-10-CM
S29.8XXA	Other specified injuries of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.8XXD	Other specified injuries of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.8XXS	Other specified injuries of thorax, sequela	Diagnosis	ICD-10-CM
S29.9	Unspecified injury of thorax	Diagnosis	ICD-10-CM
S29.9XXA	Unspecified injury of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.9XXD	Unspecified injury of thorax, subsequent encounter	Diagnosis	ICD-10-CM
S29.9XXS	Unspecified injury of thorax, sequela	Diagnosis	ICD-10-CM
S30	Superficial injury of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.0	Contusion of lower back and pelvis	Diagnosis	ICD-10-CM
S30.0XXA	Contusion of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.0XXD	Contusion of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.0XXS	Contusion of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.1	Contusion of abdominal wall	Diagnosis	ICD-10-CM
S30.1XXA	Contusion of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.1XXD	Contusion of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.1XXS	Contusion of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.2	Contusion of external genital organs	Diagnosis	ICD-10-CM
S30.20	Contusion of unspecified external genital organ	Diagnosis	ICD-10-CM
S30.201	Contusion of unspecified external genital organ, male	Diagnosis	ICD-10-CM
S30.201A	Contusion of unspecified external genital organ, male, initial encounter	Diagnosis	ICD-10-CM
S30.201D	Contusion of unspecified external genital organ, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.201S	Contusion of unspecified external genital organ, male, sequela	Diagnosis	ICD-10-CM
S30.202	Contusion of unspecified external genital organ, female	Diagnosis	ICD-10-CM
S30.202A	Contusion of unspecified external genital organ, female, initial encounter	Diagnosis	ICD-10-CM
S30.202D	Contusion of unspecified external genital organ, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.202S	Contusion of unspecified external genital organ, female, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S30.21	Contusion of penis	Diagnosis	ICD-10-CM
S30.21XA	Contusion of penis, initial encounter	Diagnosis	ICD-10-CM
S30.21XD	Contusion of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.21XS	Contusion of penis, sequela	Diagnosis	ICD-10-CM
S30.22	Contusion of scrotum and testes	Diagnosis	ICD-10-CM
S30.22XA	Contusion of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.22XD	Contusion of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.22XS	Contusion of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.23	Contusion of vagina and vulva	Diagnosis	ICD-10-CM
S30.23XA	Contusion of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.23XD	Contusion of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.23XS	Contusion of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.3	Contusion of anus	Diagnosis	ICD-10-CM
S30.3XXA	Contusion of anus, initial encounter	Diagnosis	ICD-10-CM
S30.3XXD	Contusion of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.3XXS	Contusion of anus, sequela	Diagnosis	ICD-10-CM
S30.8	Other superficial injuries of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.81	Abrasion of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.810	Abrasion of lower back and pelvis	Diagnosis	ICD-10-CM
S30.810A	Abrasion of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.810D	Abrasion of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.810S	Abrasion of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.811	Abrasion of abdominal wall	Diagnosis	ICD-10-CM
S30.811A	Abrasion of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.811D	Abrasion of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.811S	Abrasion of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.812	Abrasion of penis	Diagnosis	ICD-10-CM
S30.812A	Abrasion of penis, initial encounter	Diagnosis	ICD-10-CM
S30.812D	Abrasion of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.812S	Abrasion of penis, sequela	Diagnosis	ICD-10-CM
S30.813	Abrasion of scrotum and testes	Diagnosis	ICD-10-CM
S30.813A	Abrasion of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.813D	Abrasion of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.813S	Abrasion of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.814	Abrasion of vagina and vulva	Diagnosis	ICD-10-CM
S30.814A	Abrasion of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.814D	Abrasion of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.814S	Abrasion of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.815	Abrasion of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S30.815A	Abrasion of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.815D	Abrasion of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.815S	Abrasion of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.816	Abrasion of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.816A	Abrasion of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.816D	Abrasion of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S30.816S	Abrasion of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.817	Abrasion of anus	Diagnosis	ICD-10-CM
S30.817A	Abrasion of anus, initial encounter	Diagnosis	ICD-10-CM
S30.817D	Abrasion of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.817S	Abrasion of anus, sequela	Diagnosis	ICD-10-CM
S30.82	Blister (nonthermal) of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.820	Blister (nonthermal) of lower back and pelvis	Diagnosis	ICD-10-CM
S30.820A	Blister (nonthermal) of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.820D	Blister (nonthermal) of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.820S	Blister (nonthermal) of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.821	Blister (nonthermal) of abdominal wall	Diagnosis	ICD-10-CM
S30.821A	Blister (nonthermal) of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.821D	Blister (nonthermal) of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.821S	Blister (nonthermal) of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.822	Blister (nonthermal) of penis	Diagnosis	ICD-10-CM
S30.822A	Blister (nonthermal) of penis, initial encounter	Diagnosis	ICD-10-CM
S30.822D	Blister (nonthermal) of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.822S	Blister (nonthermal) of penis, sequela	Diagnosis	ICD-10-CM
S30.823	Blister (nonthermal) of scrotum and testes	Diagnosis	ICD-10-CM
S30.823A	Blister (nonthermal) of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.823D	Blister (nonthermal) of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.823S	Blister (nonthermal) of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.824	Blister (nonthermal) of vagina and vulva	Diagnosis	ICD-10-CM
S30.824A	Blister (nonthermal) of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.824D	Blister (nonthermal) of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.824S	Blister (nonthermal) of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.825	Blister (nonthermal) of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S30.825A	Blister (nonthermal) of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.825D	Blister (nonthermal) of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.825S	Blister (nonthermal) of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.826	Blister (nonthermal) of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.826A	Blister (nonthermal) of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.826D	Blister (nonthermal) of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.826S	Blister (nonthermal) of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.827	Blister (nonthermal) of anus	Diagnosis	ICD-10-CM
S30.827A	Blister (nonthermal) of anus, initial encounter	Diagnosis	ICD-10-CM
S30.827D	Blister (nonthermal) of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.827S	Blister (nonthermal) of anus, sequela	Diagnosis	ICD-10-CM
S30.84	External constriction of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.840	External constriction of lower back and pelvis	Diagnosis	ICD-10-CM
S30.840A	External constriction of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S30.840D	External constriction of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.840S	External constriction of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.841	External constriction of abdominal wall	Diagnosis	ICD-10-CM
S30.841A	External constriction of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.841D	External constriction of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.841S	External constriction of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.842	External constriction of penis	Diagnosis	ICD-10-CM
S30.842A	External constriction of penis, initial encounter	Diagnosis	ICD-10-CM
S30.842D	External constriction of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.842S	External constriction of penis, sequela	Diagnosis	ICD-10-CM
S30.843	External constriction of scrotum and testes	Diagnosis	ICD-10-CM
S30.843A	External constriction of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.843D	External constriction of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.843S	External constriction of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.844	External constriction of vagina and vulva	Diagnosis	ICD-10-CM
S30.844A	External constriction of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.844D	External constriction of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.844S	External constriction of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.845	External constriction of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S30.845A	External constriction of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.845D	External constriction of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.845S	External constriction of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.846	External constriction of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.846A	External constriction of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.846D	External constriction of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.846S	External constriction of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.85	Superficial foreign body of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.850	Superficial foreign body of lower back and pelvis	Diagnosis	ICD-10-CM
S30.850A	Superficial foreign body of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.850D	Superficial foreign body of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.850S	Superficial foreign body of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.851	Superficial foreign body of abdominal wall	Diagnosis	ICD-10-CM
S30.851A	Superficial foreign body of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.851D	Superficial foreign body of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.851S	Superficial foreign body of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.852	Superficial foreign body of penis	Diagnosis	ICD-10-CM
S30.852A	Superficial foreign body of penis, initial encounter	Diagnosis	ICD-10-CM
S30.852D	Superficial foreign body of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.852S	Superficial foreign body of penis, sequela	Diagnosis	ICD-10-CM
S30.853	Superficial foreign body of scrotum and testes	Diagnosis	ICD-10-CM
S30.853A	Superficial foreign body of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S30.853D	Superficial foreign body of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.853S	Superficial foreign body of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.854	Superficial foreign body of vagina and vulva	Diagnosis	ICD-10-CM
S30.854A	Superficial foreign body of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.854D	Superficial foreign body of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.854S	Superficial foreign body of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.855	Superficial foreign body of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S30.855A	Superficial foreign body of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.855D	Superficial foreign body of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.855S	Superficial foreign body of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.856	Superficial foreign body of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.856A	Superficial foreign body of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.856D	Superficial foreign body of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.856S	Superficial foreign body of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.857	Superficial foreign body of anus	Diagnosis	ICD-10-CM
S30.857A	Superficial foreign body of anus, initial encounter	Diagnosis	ICD-10-CM
S30.857D	Superficial foreign body of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.857S	Superficial foreign body of anus, sequela	Diagnosis	ICD-10-CM
S30.86	Insect bite (nonvenomous) of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.860	Insect bite (nonvenomous) of lower back and pelvis	Diagnosis	ICD-10-CM
S30.860A	Insect bite (nonvenomous) of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.860D	Insect bite (nonvenomous) of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.860S	Insect bite (nonvenomous) of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.861	Insect bite (nonvenomous) of abdominal wall	Diagnosis	ICD-10-CM
S30.861A	Insect bite (nonvenomous) of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.861D	Insect bite (nonvenomous) of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.861S	Insect bite (nonvenomous) of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.862	Insect bite (nonvenomous) of penis	Diagnosis	ICD-10-CM
S30.862A	Insect bite (nonvenomous) of penis, initial encounter	Diagnosis	ICD-10-CM
S30.862D	Insect bite (nonvenomous) of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.862S	Insect bite (nonvenomous) of penis, sequela	Diagnosis	ICD-10-CM
S30.863	Insect bite (nonvenomous) of scrotum and testes	Diagnosis	ICD-10-CM
S30.863A	Insect bite (nonvenomous) of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.863D	Insect bite (nonvenomous) of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.863S	Insect bite (nonvenomous) of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.864	Insect bite (nonvenomous) of vagina and vulva	Diagnosis	ICD-10-CM
S30.864A	Insect bite (nonvenomous) of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.864D	Insect bite (nonvenomous) of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.864S	Insect bite (nonvenomous) of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.865	Insect bite (nonvenomous) of unspecified external genital organs, male	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S30.865A	Insect bite (nonvenomous) of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.865D	Insect bite (nonvenomous) of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.865S	Insect bite (nonvenomous) of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.866	Insect bite (nonvenomous) of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.866A	Insect bite (nonvenomous) of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.866D	Insect bite (nonvenomous) of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.866S	Insect bite (nonvenomous) of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.867	Insect bite (nonvenomous) of anus	Diagnosis	ICD-10-CM
S30.867A	Insect bite (nonvenomous) of anus, initial encounter	Diagnosis	ICD-10-CM
S30.867D	Insect bite (nonvenomous) of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.867S	Insect bite (nonvenomous) of anus, sequela	Diagnosis	ICD-10-CM
S30.87	Other superficial bite of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.870	Other superficial bite of lower back and pelvis	Diagnosis	ICD-10-CM
S30.870A	Other superficial bite of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.870D	Other superficial bite of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.870S	Other superficial bite of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.871	Other superficial bite of abdominal wall	Diagnosis	ICD-10-CM
S30.871A	Other superficial bite of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.871D	Other superficial bite of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.871S	Other superficial bite of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.872	Other superficial bite of penis	Diagnosis	ICD-10-CM
S30.872A	Other superficial bite of penis, initial encounter	Diagnosis	ICD-10-CM
S30.872D	Other superficial bite of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.872S	Other superficial bite of penis, sequela	Diagnosis	ICD-10-CM
S30.873	Other superficial bite of scrotum and testes	Diagnosis	ICD-10-CM
S30.873A	Other superficial bite of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.873D	Other superficial bite of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.873S	Other superficial bite of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.874	Other superficial bite of vagina and vulva	Diagnosis	ICD-10-CM
S30.874A	Other superficial bite of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.874D	Other superficial bite of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.874S	Other superficial bite of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.875	Other superficial bite of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S30.875A	Other superficial bite of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.875D	Other superficial bite of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.875S	Other superficial bite of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.876	Other superficial bite of unspecified external genital organs, female	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S30.876A	Other superficial bite of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.876D	Other superficial bite of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.876S	Other superficial bite of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S30.877	Other superficial bite of anus	Diagnosis	ICD-10-CM
S30.877A	Other superficial bite of anus, initial encounter	Diagnosis	ICD-10-CM
S30.877D	Other superficial bite of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.877S	Other superficial bite of anus, sequela	Diagnosis	ICD-10-CM
S30.9	Unspecified superficial injury of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S30.91	Unspecified superficial injury of lower back and pelvis	Diagnosis	ICD-10-CM
S30.91XA	Unspecified superficial injury of lower back and pelvis, initial encounter	Diagnosis	ICD-10-CM
S30.91XD	Unspecified superficial injury of lower back and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S30.91XS	Unspecified superficial injury of lower back and pelvis, sequela	Diagnosis	ICD-10-CM
S30.92	Unspecified superficial injury of abdominal wall	Diagnosis	ICD-10-CM
S30.92XA	Unspecified superficial injury of abdominal wall, initial encounter	Diagnosis	ICD-10-CM
S30.92XD	Unspecified superficial injury of abdominal wall, subsequent encounter	Diagnosis	ICD-10-CM
S30.92XS	Unspecified superficial injury of abdominal wall, sequela	Diagnosis	ICD-10-CM
S30.93	Unspecified superficial injury of penis	Diagnosis	ICD-10-CM
S30.93XA	Unspecified superficial injury of penis, initial encounter	Diagnosis	ICD-10-CM
S30.93XD	Unspecified superficial injury of penis, subsequent encounter	Diagnosis	ICD-10-CM
S30.93XS	Unspecified superficial injury of penis, sequela	Diagnosis	ICD-10-CM
S30.94	Unspecified superficial injury of scrotum and testes	Diagnosis	ICD-10-CM
S30.94XA	Unspecified superficial injury of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S30.94XD	Unspecified superficial injury of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S30.94XS	Unspecified superficial injury of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S30.95	Unspecified superficial injury of vagina and vulva	Diagnosis	ICD-10-CM
S30.95XA	Unspecified superficial injury of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S30.95XD	Unspecified superficial injury of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S30.95XS	Unspecified superficial injury of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S30.96	Unspecified superficial injury of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S30.96XA	Unspecified superficial injury of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S30.96XD	Unspecified superficial injury of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S30.96XS	Unspecified superficial injury of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S30.97	Unspecified superficial injury of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S30.97XA	Unspecified superficial injury of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S30.97XD	Unspecified superficial injury of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S30.97XS	Unspecified superficial injury of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S30.98	Unspecified superficial injury of anus	Diagnosis	ICD-10-CM
S30.98XA	Unspecified superficial injury of anus, initial encounter	Diagnosis	ICD-10-CM
S30.98XD	Unspecified superficial injury of anus, subsequent encounter	Diagnosis	ICD-10-CM
S30.98XS	Unspecified superficial injury of anus, sequela	Diagnosis	ICD-10-CM
S31	Open wound of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S31.0	Open wound of lower back and pelvis	Diagnosis	ICD-10-CM
S31.00	Unspecified open wound of lower back and pelvis	Diagnosis	ICD-10-CM
S31.000	Unspecified open wound of lower back and pelvis without penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.000A	Unspecified open wound of lower back and pelvis without penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.000D	Unspecified open wound of lower back and pelvis without penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.000S	Unspecified open wound of lower back and pelvis without penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.001	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.001A	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.001D	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.001S	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.01	Laceration without foreign body of lower back and pelvis	Diagnosis	ICD-10-CM
S31.010	Laceration without foreign body of lower back and pelvis without penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.010A	Laceration without foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.010D	Laceration without foreign body of lower back and pelvis without penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.010S	Laceration without foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.011	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.011A	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.011D	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.011S	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.02	Laceration with foreign body of lower back and pelvis	Diagnosis	ICD-10-CM
S31.020	Laceration with foreign body of lower back and pelvis without penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.020A	Laceration with foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.020D	Laceration with foreign body of lower back and pelvis without penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.020S	Laceration with foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.021	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.021A	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.021D	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.021S	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.03	Puncture wound without foreign body of lower back and pelvis	Diagnosis	ICD-10-CM
S31.030	Puncture wound without foreign body of lower back and pelvis without penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.030A	Puncture wound without foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.030D	Puncture wound without foreign body of lower back and pelvis without penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.030S	Puncture wound without foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.031	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.031A	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.031D	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.031S	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.04	Puncture wound with foreign body of lower back and pelvis	Diagnosis	ICD-10-CM
S31.040	Puncture wound with foreign body of lower back and pelvis without penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.040A	Puncture wound with foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.040D	Puncture wound with foreign body of lower back and pelvis without penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.040S	Puncture wound with foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.041	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.041A	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.041D	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.041S	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.05	Open bite of lower back and pelvis	Diagnosis	ICD-10-CM
S31.050	Open bite of lower back and pelvis without penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.050A	Open bite of lower back and pelvis without penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.050D	Open bite of lower back and pelvis without penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.050S	Open bite of lower back and pelvis without penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.051	Open bite of lower back and pelvis with penetration into retroperitoneum	Diagnosis	ICD-10-CM
S31.051A	Open bite of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.051D	Open bite of lower back and pelvis with penetration into retroperitoneum, subsequent encounter	Diagnosis	ICD-10-CM
S31.051S	Open bite of lower back and pelvis with penetration into retroperitoneum, sequela	Diagnosis	ICD-10-CM
S31.1	Open wound of abdominal wall without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.10	Unspecified open wound of abdominal wall without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.100	Unspecified open wound of abdominal wall, right upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.100A	Unspecified open wound of abdominal wall, right upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.100D	Unspecified open wound of abdominal wall, right upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.100S	Unspecified open wound of abdominal wall, right upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.101	Unspecified open wound of abdominal wall, left upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.101A	Unspecified open wound of abdominal wall, left upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.101D	Unspecified open wound of abdominal wall, left upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.101S	Unspecified open wound of abdominal wall, left upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.102	Unspecified open wound of abdominal wall, epigastric region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.102A	Unspecified open wound of abdominal wall, epigastric region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.102D	Unspecified open wound of abdominal wall, epigastric region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.102S	Unspecified open wound of abdominal wall, epigastric region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.103	Unspecified open wound of abdominal wall, right lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.103A	Unspecified open wound of abdominal wall, right lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.103D	Unspecified open wound of abdominal wall, right lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.103S	Unspecified open wound of abdominal wall, right lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.104	Unspecified open wound of abdominal wall, left lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.104A	Unspecified open wound of abdominal wall, left lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.104D	Unspecified open wound of abdominal wall, left lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.104S	Unspecified open wound of abdominal wall, left lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.105	Unspecified open wound of abdominal wall, periumbilic region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.105A	Unspecified open wound of abdominal wall, periumbilic region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.105D	Unspecified open wound of abdominal wall, periumbilic region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.105S	Unspecified open wound of abdominal wall, periumbilic region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.109	Unspecified open wound of abdominal wall, unspecified quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.109A	Unspecified open wound of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.109D	Unspecified open wound of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.109S	Unspecified open wound of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.11	Laceration without foreign body of abdominal wall without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.110	Laceration without foreign body of abdominal wall, right upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.110A	Laceration without foreign body of abdominal wall, right upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.110D	Laceration without foreign body of abdominal wall, right upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.110S	Laceration without foreign body of abdominal wall, right upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.111	Laceration without foreign body of abdominal wall, left upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.111A	Laceration without foreign body of abdominal wall, left upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.111D	Laceration without foreign body of abdominal wall, left upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.111S	Laceration without foreign body of abdominal wall, left upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.112	Laceration without foreign body of abdominal wall, epigastric region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.112A	Laceration without foreign body of abdominal wall, epigastric region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.112D	Laceration without foreign body of abdominal wall, epigastric region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.112S	Laceration without foreign body of abdominal wall, epigastric region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.113	Laceration without foreign body of abdominal wall, right lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.113A	Laceration without foreign body of abdominal wall, right lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.113D	Laceration without foreign body of abdominal wall, right lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.113S	Laceration without foreign body of abdominal wall, right lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.114	Laceration without foreign body of abdominal wall, left lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.114A	Laceration without foreign body of abdominal wall, left lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.114D	Laceration without foreign body of abdominal wall, left lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.114S	Laceration without foreign body of abdominal wall, left lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.115	Laceration without foreign body of abdominal wall, periumbilic region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.115A	Laceration without foreign body of abdominal wall, periumbilic region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.115D	Laceration without foreign body of abdominal wall, periumbilic region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.115S	Laceration without foreign body of abdominal wall, periumbilic region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.119	Laceration without foreign body of abdominal wall, unspecified quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.119A	Laceration without foreign body of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.119D	Laceration without foreign body of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.119S	Laceration without foreign body of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.12	Laceration with foreign body of abdominal wall without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.120	Laceration of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.120A	Laceration of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.120D	Laceration of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.120S	Laceration of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.121	Laceration of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.121A	Laceration of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.121D	Laceration of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.121S	Laceration of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.122	Laceration of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.122A	Laceration of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.122D	Laceration of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.122S	Laceration of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.123	Laceration of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.123A	Laceration of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.123D	Laceration of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.123S	Laceration of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.124	Laceration of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.124A	Laceration of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.124D	Laceration of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.124S	Laceration of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.125	Laceration of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.125A	Laceration of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.125D	Laceration of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.125S	Laceration of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.129	Laceration of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.129A	Laceration of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.129D	Laceration of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.129S	Laceration of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.13	Puncture wound of abdominal wall without foreign body without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.130	Puncture wound of abdominal wall without foreign body, right upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.130A	Puncture wound of abdominal wall without foreign body, right upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.130D	Puncture wound of abdominal wall without foreign body, right upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.130S	Puncture wound of abdominal wall without foreign body, right upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.131	Puncture wound of abdominal wall without foreign body, left upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.131A	Puncture wound of abdominal wall without foreign body, left upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.131D	Puncture wound of abdominal wall without foreign body, left upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.131S	Puncture wound of abdominal wall without foreign body, left upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.132	Puncture wound of abdominal wall without foreign body, epigastric region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.132A	Puncture wound of abdominal wall without foreign body, epigastric region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.132D	Puncture wound of abdominal wall without foreign body, epigastric region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.132S	Puncture wound of abdominal wall without foreign body, epigastric region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.133	Puncture wound of abdominal wall without foreign body, right lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.133A	Puncture wound of abdominal wall without foreign body, right lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.133D	Puncture wound of abdominal wall without foreign body, right lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.133S	Puncture wound of abdominal wall without foreign body, right lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.134	Puncture wound of abdominal wall without foreign body, left lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.134A	Puncture wound of abdominal wall without foreign body, left lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.134D	Puncture wound of abdominal wall without foreign body, left lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.134S	Puncture wound of abdominal wall without foreign body, left lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.135	Puncture wound of abdominal wall without foreign body, periumbilic region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.135A	Puncture wound of abdominal wall without foreign body, periumbilic region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.135D	Puncture wound of abdominal wall without foreign body, periumbilic region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.135S	Puncture wound of abdominal wall without foreign body, periumbilic region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.139	Puncture wound of abdominal wall without foreign body, unspecified quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.139A	Puncture wound of abdominal wall without foreign body, unspecified quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.139D	Puncture wound of abdominal wall without foreign body, unspecified quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.139S	Puncture wound of abdominal wall without foreign body, unspecified quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.14	Puncture wound of abdominal wall with foreign body without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.140	Puncture wound of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.140A	Puncture wound of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.140D	Puncture wound of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.140S	Puncture wound of abdominal wall with foreign body, right upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.141	Puncture wound of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.141A	Puncture wound of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S31.141D	Puncture wound of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.141S	Puncture wound of abdominal wall with foreign body, left upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.142	Puncture wound of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.142A	Puncture wound of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.142D	Puncture wound of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.142S	Puncture wound of abdominal wall with foreign body, epigastric region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.143	Puncture wound of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.143A	Puncture wound of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.143D	Puncture wound of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.143S	Puncture wound of abdominal wall with foreign body, right lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.144	Puncture wound of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.144A	Puncture wound of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.144D	Puncture wound of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.144S	Puncture wound of abdominal wall with foreign body, left lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.145	Puncture wound of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.145A	Puncture wound of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.145D	Puncture wound of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.145S	Puncture wound of abdominal wall with foreign body, periumbilic region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.149	Puncture wound of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.149A	Puncture wound of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.149D	Puncture wound of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.149S	Puncture wound of abdominal wall with foreign body, unspecified quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.15	Open bite of abdominal wall without penetration into peritoneal cavity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S31.150	Open bite of abdominal wall, right upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.150A	Open bite of abdominal wall, right upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.150D	Open bite of abdominal wall, right upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.150S	Open bite of abdominal wall, right upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.151	Open bite of abdominal wall, left upper quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.151A	Open bite of abdominal wall, left upper quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.151D	Open bite of abdominal wall, left upper quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.151S	Open bite of abdominal wall, left upper quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.152	Open bite of abdominal wall, epigastric region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.152A	Open bite of abdominal wall, epigastric region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.152D	Open bite of abdominal wall, epigastric region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.152S	Open bite of abdominal wall, epigastric region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.153	Open bite of abdominal wall, right lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.153A	Open bite of abdominal wall, right lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.153D	Open bite of abdominal wall, right lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.153S	Open bite of abdominal wall, right lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.154	Open bite of abdominal wall, left lower quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.154A	Open bite of abdominal wall, left lower quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.154D	Open bite of abdominal wall, left lower quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.154S	Open bite of abdominal wall, left lower quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.155	Open bite of abdominal wall, periumbilic region without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.155A	Open bite of abdominal wall, periumbilic region without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.155D	Open bite of abdominal wall, periumbilic region without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.155S	Open bite of abdominal wall, periumbilic region without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.159	Open bite of abdominal wall, unspecified quadrant without penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.159A	Open bite of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.159D	Open bite of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.159S	Open bite of abdominal wall, unspecified quadrant without penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.2	Open wound of penis	Diagnosis	ICD-10-CM
S31.20	Unspecified open wound of penis	Diagnosis	ICD-10-CM
S31.20XA	Unspecified open wound of penis, initial encounter	Diagnosis	ICD-10-CM
S31.20XD	Unspecified open wound of penis, subsequent encounter	Diagnosis	ICD-10-CM
S31.20XS	Unspecified open wound of penis, sequela	Diagnosis	ICD-10-CM
S31.21	Laceration without foreign body of penis	Diagnosis	ICD-10-CM
S31.21XA	Laceration without foreign body of penis, initial encounter	Diagnosis	ICD-10-CM
S31.21XD	Laceration without foreign body of penis, subsequent encounter	Diagnosis	ICD-10-CM
S31.21XS	Laceration without foreign body of penis, sequela	Diagnosis	ICD-10-CM
S31.22	Laceration with foreign body of penis	Diagnosis	ICD-10-CM
S31.22XA	Laceration with foreign body of penis, initial encounter	Diagnosis	ICD-10-CM
S31.22XD	Laceration with foreign body of penis, subsequent encounter	Diagnosis	ICD-10-CM
S31.22XS	Laceration with foreign body of penis, sequela	Diagnosis	ICD-10-CM
S31.23	Puncture wound without foreign body of penis	Diagnosis	ICD-10-CM
S31.23XA	Puncture wound without foreign body of penis, initial encounter	Diagnosis	ICD-10-CM
S31.23XD	Puncture wound without foreign body of penis, subsequent encounter	Diagnosis	ICD-10-CM
S31.23XS	Puncture wound without foreign body of penis, sequela	Diagnosis	ICD-10-CM
S31.24	Puncture wound with foreign body of penis	Diagnosis	ICD-10-CM
S31.24XA	Puncture wound with foreign body of penis, initial encounter	Diagnosis	ICD-10-CM
S31.24XD	Puncture wound with foreign body of penis, subsequent encounter	Diagnosis	ICD-10-CM
S31.24XS	Puncture wound with foreign body of penis, sequela	Diagnosis	ICD-10-CM
S31.25	Open bite of penis	Diagnosis	ICD-10-CM
S31.25XA	Open bite of penis, initial encounter	Diagnosis	ICD-10-CM
S31.25XD	Open bite of penis, subsequent encounter	Diagnosis	ICD-10-CM
S31.25XS	Open bite of penis, sequela	Diagnosis	ICD-10-CM
S31.3	Open wound of scrotum and testes	Diagnosis	ICD-10-CM
S31.30	Unspecified open wound of scrotum and testes	Diagnosis	ICD-10-CM
S31.30XA	Unspecified open wound of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S31.30XD	Unspecified open wound of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S31.30XS	Unspecified open wound of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S31.31	Laceration without foreign body of scrotum and testes	Diagnosis	ICD-10-CM
S31.31XA	Laceration without foreign body of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S31.31XD	Laceration without foreign body of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.31XS	Laceration without foreign body of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S31.32	Laceration with foreign body of scrotum and testes	Diagnosis	ICD-10-CM
S31.32XA	Laceration with foreign body of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S31.32XD	Laceration with foreign body of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S31.32XS	Laceration with foreign body of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S31.33	Puncture wound without foreign body of scrotum and testes	Diagnosis	ICD-10-CM
S31.33XA	Puncture wound without foreign body of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S31.33XD	Puncture wound without foreign body of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S31.33XS	Puncture wound without foreign body of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S31.34	Puncture wound with foreign body of scrotum and testes	Diagnosis	ICD-10-CM
S31.34XA	Puncture wound with foreign body of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S31.34XD	Puncture wound with foreign body of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S31.34XS	Puncture wound with foreign body of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S31.35	Open bite of scrotum and testes	Diagnosis	ICD-10-CM
S31.35XA	Open bite of scrotum and testes, initial encounter	Diagnosis	ICD-10-CM
S31.35XD	Open bite of scrotum and testes, subsequent encounter	Diagnosis	ICD-10-CM
S31.35XS	Open bite of scrotum and testes, sequela	Diagnosis	ICD-10-CM
S31.4	Open wound of vagina and vulva	Diagnosis	ICD-10-CM
S31.40	Unspecified open wound of vagina and vulva	Diagnosis	ICD-10-CM
S31.40XA	Unspecified open wound of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S31.40XD	Unspecified open wound of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S31.40XS	Unspecified open wound of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S31.41	Laceration without foreign body of vagina and vulva	Diagnosis	ICD-10-CM
S31.41XA	Laceration without foreign body of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S31.41XD	Laceration without foreign body of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S31.41XS	Laceration without foreign body of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S31.42	Laceration with foreign body of vagina and vulva	Diagnosis	ICD-10-CM
S31.42XA	Laceration with foreign body of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S31.42XD	Laceration with foreign body of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S31.42XS	Laceration with foreign body of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S31.43	Puncture wound without foreign body of vagina and vulva	Diagnosis	ICD-10-CM
S31.43XA	Puncture wound without foreign body of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S31.43XD	Puncture wound without foreign body of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S31.43XS	Puncture wound without foreign body of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S31.44	Puncture wound with foreign body of vagina and vulva	Diagnosis	ICD-10-CM
S31.44XA	Puncture wound with foreign body of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S31.44XD	Puncture wound with foreign body of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S31.44XS	Puncture wound with foreign body of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S31.45	Open bite of vagina and vulva	Diagnosis	ICD-10-CM
S31.45XA	Open bite of vagina and vulva, initial encounter	Diagnosis	ICD-10-CM
S31.45XD	Open bite of vagina and vulva, subsequent encounter	Diagnosis	ICD-10-CM
S31.45XS	Open bite of vagina and vulva, sequela	Diagnosis	ICD-10-CM
S31.5	Open wound of unspecified external genital organs	Diagnosis	ICD-10-CM
S31.50	Unspecified open wound of unspecified external genital organs	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.501	Unspecified open wound of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S31.501A	Unspecified open wound of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S31.501D	Unspecified open wound of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S31.501S	Unspecified open wound of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S31.502	Unspecified open wound of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S31.502A	Unspecified open wound of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S31.502D	Unspecified open wound of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S31.502S	Unspecified open wound of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S31.51	Laceration without foreign body of unspecified external genital organs	Diagnosis	ICD-10-CM
S31.511	Laceration without foreign body of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S31.511A	Laceration without foreign body of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S31.511D	Laceration without foreign body of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S31.511S	Laceration without foreign body of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S31.512	Laceration without foreign body of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S31.512A	Laceration without foreign body of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S31.512D	Laceration without foreign body of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S31.512S	Laceration without foreign body of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S31.52	Laceration with foreign body of unspecified external genital organs	Diagnosis	ICD-10-CM
S31.521	Laceration with foreign body of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S31.521A	Laceration with foreign body of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S31.521D	Laceration with foreign body of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S31.521S	Laceration with foreign body of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S31.522	Laceration with foreign body of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S31.522A	Laceration with foreign body of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S31.522D	Laceration with foreign body of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S31.522S	Laceration with foreign body of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S31.53	Puncture wound without foreign body of unspecified external genital organs	Diagnosis	ICD-10-CM
S31.531	Puncture wound without foreign body of unspecified external genital organs, male	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.531A	Puncture wound without foreign body of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S31.531D	Puncture wound without foreign body of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S31.531S	Puncture wound without foreign body of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S31.532	Puncture wound without foreign body of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S31.532A	Puncture wound without foreign body of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S31.532D	Puncture wound without foreign body of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S31.532S	Puncture wound without foreign body of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S31.54	Puncture wound with foreign body of unspecified external genital organs	Diagnosis	ICD-10-CM
S31.541	Puncture wound with foreign body of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S31.541A	Puncture wound with foreign body of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S31.541D	Puncture wound with foreign body of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S31.541S	Puncture wound with foreign body of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S31.542	Puncture wound with foreign body of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S31.542A	Puncture wound with foreign body of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S31.542D	Puncture wound with foreign body of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S31.542S	Puncture wound with foreign body of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S31.55	Open bite of unspecified external genital organs	Diagnosis	ICD-10-CM
S31.551	Open bite of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S31.551A	Open bite of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S31.551D	Open bite of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S31.551S	Open bite of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S31.552	Open bite of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S31.552A	Open bite of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S31.552D	Open bite of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S31.552S	Open bite of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S31.6	Open wound of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.60	Unspecified open wound of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.600	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.600A	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.600D	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.600S	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.601	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.601A	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.601D	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.601S	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.602	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.602A	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.602D	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.602S	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.603	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.603A	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.603D	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.603S	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.604	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.604A	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.604D	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.604S	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.605	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.605A	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.605D	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.605S	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.609	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.609A	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.609D	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.609S	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.61	Laceration without foreign body of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.610	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.610A	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.610D	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.610S	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.611	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.611A	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.611D	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.611S	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.612	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.612A	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.612D	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.612S	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.613	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.613A	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.613D	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.613S	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.614	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S31.614A	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.614D	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.614S	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.615	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.615A	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.615D	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.615S	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.619	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.619A	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.619D	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.619S	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.62	Laceration with foreign body of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.620	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.620A	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.620D	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.620S	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.621	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.621A	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.621D	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.621S	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.622	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.622A	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S31.622D	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.622S	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.623	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.623A	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.623D	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.623S	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.624	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.624A	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.624D	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.624S	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.625	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.625A	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.625D	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.625S	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.629	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.629A	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.629D	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.629S	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.63	Puncture wound without foreign body of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.630	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.630A	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.630D	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.630S	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.631	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.631A	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.631D	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.631S	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.632	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.632A	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.632D	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.632S	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.633	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.633A	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.633D	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.633S	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.634	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.634A	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.634D	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.634S	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.635	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.635A	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.635D	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.635S	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.639	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.639A	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.639D	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.639S	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.64	Puncture wound with foreign body of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.640	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.640A	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.640D	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.640S	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.641	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.641A	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.641D	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.641S	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.642	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.642A	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.642D	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.642S	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.643	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.643A	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.643D	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.643S	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.644	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.644A	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.644D	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.644S	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.645	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.645A	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.645D	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.645S	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.649	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.649A	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.649D	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.649S	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.65	Open bite of abdominal wall with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.650	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.650A	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.650D	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.650S	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.651	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.651A	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.651D	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.651S	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.652	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.652A	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.652D	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.652S	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.653	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.653A	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.653D	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.653S	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.654	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.654A	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.654D	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.654S	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.655	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.655A	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.655D	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.655S	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.659	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity	Diagnosis	ICD-10-CM
S31.659A	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.659D	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, subsequent encounter	Diagnosis	ICD-10-CM
S31.659S	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	Diagnosis	ICD-10-CM
S31.8	Open wound of other parts of abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
S31.80	Open wound of unspecified buttock	Diagnosis	ICD-10-CM
S31.801	Laceration without foreign body of unspecified buttock	Diagnosis	ICD-10-CM
S31.801A	Laceration without foreign body of unspecified buttock, initial encounter	Diagnosis	ICD-10-CM
S31.801D	Laceration without foreign body of unspecified buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.801S	Laceration without foreign body of unspecified buttock, sequela	Diagnosis	ICD-10-CM
S31.802	Laceration with foreign body of unspecified buttock	Diagnosis	ICD-10-CM
S31.802A	Laceration with foreign body of unspecified buttock, initial encounter	Diagnosis	ICD-10-CM
S31.802D	Laceration with foreign body of unspecified buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.802S	Laceration with foreign body of unspecified buttock, sequela	Diagnosis	ICD-10-CM
S31.803	Puncture wound without foreign body of unspecified buttock	Diagnosis	ICD-10-CM
S31.803A	Puncture wound without foreign body of unspecified buttock, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.803D	Puncture wound without foreign body of unspecified buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.803S	Puncture wound without foreign body of unspecified buttock, sequela	Diagnosis	ICD-10-CM
S31.804	Puncture wound with foreign body of unspecified buttock	Diagnosis	ICD-10-CM
S31.804A	Puncture wound with foreign body of unspecified buttock, initial encounter	Diagnosis	ICD-10-CM
S31.804D	Puncture wound with foreign body of unspecified buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.804S	Puncture wound with foreign body of unspecified buttock, sequela	Diagnosis	ICD-10-CM
S31.805	Open bite of unspecified buttock	Diagnosis	ICD-10-CM
S31.805A	Open bite of unspecified buttock, initial encounter	Diagnosis	ICD-10-CM
S31.805D	Open bite of unspecified buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.805S	Open bite of unspecified buttock, sequela	Diagnosis	ICD-10-CM
S31.809	Unspecified open wound of unspecified buttock	Diagnosis	ICD-10-CM
S31.809A	Unspecified open wound of unspecified buttock, initial encounter	Diagnosis	ICD-10-CM
S31.809D	Unspecified open wound of unspecified buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.809S	Unspecified open wound of unspecified buttock, sequela	Diagnosis	ICD-10-CM
S31.81	Open wound of right buttock	Diagnosis	ICD-10-CM
S31.811	Laceration without foreign body of right buttock	Diagnosis	ICD-10-CM
S31.811A	Laceration without foreign body of right buttock, initial encounter	Diagnosis	ICD-10-CM
S31.811D	Laceration without foreign body of right buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.811S	Laceration without foreign body of right buttock, sequela	Diagnosis	ICD-10-CM
S31.812	Laceration with foreign body of right buttock	Diagnosis	ICD-10-CM
S31.812A	Laceration with foreign body of right buttock, initial encounter	Diagnosis	ICD-10-CM
S31.812D	Laceration with foreign body of right buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.812S	Laceration with foreign body of right buttock, sequela	Diagnosis	ICD-10-CM
S31.813	Puncture wound without foreign body of right buttock	Diagnosis	ICD-10-CM
S31.813A	Puncture wound without foreign body of right buttock, initial encounter	Diagnosis	ICD-10-CM
S31.813D	Puncture wound without foreign body of right buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.813S	Puncture wound without foreign body of right buttock, sequela	Diagnosis	ICD-10-CM
S31.814	Puncture wound with foreign body of right buttock	Diagnosis	ICD-10-CM
S31.814A	Puncture wound with foreign body of right buttock, initial encounter	Diagnosis	ICD-10-CM
S31.814D	Puncture wound with foreign body of right buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.814S	Puncture wound with foreign body of right buttock, sequela	Diagnosis	ICD-10-CM
S31.815	Open bite of right buttock	Diagnosis	ICD-10-CM
S31.815A	Open bite of right buttock, initial encounter	Diagnosis	ICD-10-CM
S31.815D	Open bite of right buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.815S	Open bite of right buttock, sequela	Diagnosis	ICD-10-CM
S31.819	Unspecified open wound of right buttock	Diagnosis	ICD-10-CM
S31.819A	Unspecified open wound of right buttock, initial encounter	Diagnosis	ICD-10-CM
S31.819D	Unspecified open wound of right buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.819S	Unspecified open wound of right buttock, sequela	Diagnosis	ICD-10-CM
S31.82	Open wound of left buttock	Diagnosis	ICD-10-CM
S31.821	Laceration without foreign body of left buttock	Diagnosis	ICD-10-CM
S31.821A	Laceration without foreign body of left buttock, initial encounter	Diagnosis	ICD-10-CM
S31.821D	Laceration without foreign body of left buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.821S	Laceration without foreign body of left buttock, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S31.822	Laceration with foreign body of left buttock	Diagnosis	ICD-10-CM
S31.822A	Laceration with foreign body of left buttock, initial encounter	Diagnosis	ICD-10-CM
S31.822D	Laceration with foreign body of left buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.822S	Laceration with foreign body of left buttock, sequela	Diagnosis	ICD-10-CM
S31.823	Puncture wound without foreign body of left buttock	Diagnosis	ICD-10-CM
S31.823A	Puncture wound without foreign body of left buttock, initial encounter	Diagnosis	ICD-10-CM
S31.823D	Puncture wound without foreign body of left buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.823S	Puncture wound without foreign body of left buttock, sequela	Diagnosis	ICD-10-CM
S31.824	Puncture wound with foreign body of left buttock	Diagnosis	ICD-10-CM
S31.824A	Puncture wound with foreign body of left buttock, initial encounter	Diagnosis	ICD-10-CM
S31.824D	Puncture wound with foreign body of left buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.824S	Puncture wound with foreign body of left buttock, sequela	Diagnosis	ICD-10-CM
S31.825	Open bite of left buttock	Diagnosis	ICD-10-CM
S31.825A	Open bite of left buttock, initial encounter	Diagnosis	ICD-10-CM
S31.825D	Open bite of left buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.825S	Open bite of left buttock, sequela	Diagnosis	ICD-10-CM
S31.829	Unspecified open wound of left buttock	Diagnosis	ICD-10-CM
S31.829A	Unspecified open wound of left buttock, initial encounter	Diagnosis	ICD-10-CM
S31.829D	Unspecified open wound of left buttock, subsequent encounter	Diagnosis	ICD-10-CM
S31.829S	Unspecified open wound of left buttock, sequela	Diagnosis	ICD-10-CM
S31.83	Open wound of anus	Diagnosis	ICD-10-CM
S31.831	Laceration without foreign body of anus	Diagnosis	ICD-10-CM
S31.831A	Laceration without foreign body of anus, initial encounter	Diagnosis	ICD-10-CM
S31.831D	Laceration without foreign body of anus, subsequent encounter	Diagnosis	ICD-10-CM
S31.831S	Laceration without foreign body of anus, sequela	Diagnosis	ICD-10-CM
S31.832	Laceration with foreign body of anus	Diagnosis	ICD-10-CM
S31.832A	Laceration with foreign body of anus, initial encounter	Diagnosis	ICD-10-CM
S31.832D	Laceration with foreign body of anus, subsequent encounter	Diagnosis	ICD-10-CM
S31.832S	Laceration with foreign body of anus, sequela	Diagnosis	ICD-10-CM
S31.833	Puncture wound without foreign body of anus	Diagnosis	ICD-10-CM
S31.833A	Puncture wound without foreign body of anus, initial encounter	Diagnosis	ICD-10-CM
S31.833D	Puncture wound without foreign body of anus, subsequent encounter	Diagnosis	ICD-10-CM
S31.833S	Puncture wound without foreign body of anus, sequela	Diagnosis	ICD-10-CM
S31.834	Puncture wound with foreign body of anus	Diagnosis	ICD-10-CM
S31.834A	Puncture wound with foreign body of anus, initial encounter	Diagnosis	ICD-10-CM
S31.834D	Puncture wound with foreign body of anus, subsequent encounter	Diagnosis	ICD-10-CM
S31.834S	Puncture wound with foreign body of anus, sequela	Diagnosis	ICD-10-CM
S31.835	Open bite of anus	Diagnosis	ICD-10-CM
S31.835A	Open bite of anus, initial encounter	Diagnosis	ICD-10-CM
S31.835D	Open bite of anus, subsequent encounter	Diagnosis	ICD-10-CM
S31.835S	Open bite of anus, sequela	Diagnosis	ICD-10-CM
S31.839	Unspecified open wound of anus	Diagnosis	ICD-10-CM
S31.839A	Unspecified open wound of anus, initial encounter	Diagnosis	ICD-10-CM
S31.839D	Unspecified open wound of anus, subsequent encounter	Diagnosis	ICD-10-CM
S31.839S	Unspecified open wound of anus, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32	Fracture of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S32.0	Fracture of lumbar vertebra	Diagnosis	ICD-10-CM
S32.00	Fracture of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S32.000	Wedge compression fracture of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S32.000A	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.000B	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.000D	Wedge compression fracture of unspecified lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.000G	Wedge compression fracture of unspecified lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.000K	Wedge compression fracture of unspecified lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.000S	Wedge compression fracture of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.001	Stable burst fracture of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S32.001A	Stable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.001B	Stable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.001D	Stable burst fracture of unspecified lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.001G	Stable burst fracture of unspecified lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.001K	Stable burst fracture of unspecified lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.001S	Stable burst fracture of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.002	Unstable burst fracture of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S32.002A	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.002B	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.002D	Unstable burst fracture of unspecified lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.002G	Unstable burst fracture of unspecified lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.002K	Unstable burst fracture of unspecified lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.002S	Unstable burst fracture of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.008	Other fracture of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S32.008A	Other fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.008B	Other fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.008D	Other fracture of unspecified lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.008G	Other fracture of unspecified lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.008K	Other fracture of unspecified lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.008S	Other fracture of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.009	Unspecified fracture of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.009D	Unspecified fracture of unspecified lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.009G	Unspecified fracture of unspecified lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.009K	Unspecified fracture of unspecified lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.009S	Unspecified fracture of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.01	Fracture of first lumbar vertebra	Diagnosis	ICD-10-CM
S32.010	Wedge compression fracture of first lumbar vertebra	Diagnosis	ICD-10-CM
S32.010A	Wedge compression fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.010B	Wedge compression fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.010D	Wedge compression fracture of first lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.010G	Wedge compression fracture of first lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.010K	Wedge compression fracture of first lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.010S	Wedge compression fracture of first lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.011	Stable burst fracture of first lumbar vertebra	Diagnosis	ICD-10-CM
S32.011A	Stable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.011B	Stable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.011D	Stable burst fracture of first lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.011G	Stable burst fracture of first lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.011K	Stable burst fracture of first lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.011S	Stable burst fracture of first lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.012	Unstable burst fracture of first lumbar vertebra	Diagnosis	ICD-10-CM
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.012D	Unstable burst fracture of first lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.012G	Unstable burst fracture of first lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.012K	Unstable burst fracture of first lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.012S	Unstable burst fracture of first lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.018	Other fracture of first lumbar vertebra	Diagnosis	ICD-10-CM
S32.018A	Other fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.018B	Other fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.018D	Other fracture of first lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.018G	Other fracture of first lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.018K	Other fracture of first lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.018S	Other fracture of first lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.019	Unspecified fracture of first lumbar vertebra	Diagnosis	ICD-10-CM
S32.019A	Unspecified fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.019B	Unspecified fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.019D	Unspecified fracture of first lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.019G	Unspecified fracture of first lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.019K	Unspecified fracture of first lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.019S	Unspecified fracture of first lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.02	Fracture of second lumbar vertebra	Diagnosis	ICD-10-CM
S32.020	Wedge compression fracture of second lumbar vertebra	Diagnosis	ICD-10-CM
S32.020A	Wedge compression fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.020B	Wedge compression fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.020D	Wedge compression fracture of second lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.020G	Wedge compression fracture of second lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.020K	Wedge compression fracture of second lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.020S	Wedge compression fracture of second lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.021	Stable burst fracture of second lumbar vertebra	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.021A	Stable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.021B	Stable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.021D	Stable burst fracture of second lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.021G	Stable burst fracture of second lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.021K	Stable burst fracture of second lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.021S	Stable burst fracture of second lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.022	Unstable burst fracture of second lumbar vertebra	Diagnosis	ICD-10-CM
S32.022A	Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.022B	Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.022D	Unstable burst fracture of second lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.022G	Unstable burst fracture of second lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.022K	Unstable burst fracture of second lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.022S	Unstable burst fracture of second lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.028	Other fracture of second lumbar vertebra	Diagnosis	ICD-10-CM
S32.028A	Other fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.028B	Other fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.028D	Other fracture of second lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.028G	Other fracture of second lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.028K	Other fracture of second lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.028S	Other fracture of second lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.029	Unspecified fracture of second lumbar vertebra	Diagnosis	ICD-10-CM
S32.029A	Unspecified fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.029B	Unspecified fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.029D	Unspecified fracture of second lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.029G	Unspecified fracture of second lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.029K	Unspecified fracture of second lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.029S	Unspecified fracture of second lumbar vertebra, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.03	Fracture of third lumbar vertebra	Diagnosis	ICD-10-CM
S32.030	Wedge compression fracture of third lumbar vertebra	Diagnosis	ICD-10-CM
S32.030A	Wedge compression fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.030B	Wedge compression fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.030D	Wedge compression fracture of third lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.030G	Wedge compression fracture of third lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.030K	Wedge compression fracture of third lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.030S	Wedge compression fracture of third lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.031	Stable burst fracture of third lumbar vertebra	Diagnosis	ICD-10-CM
S32.031A	Stable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.031B	Stable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.031D	Stable burst fracture of third lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.031G	Stable burst fracture of third lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.031K	Stable burst fracture of third lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.031S	Stable burst fracture of third lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.032	Unstable burst fracture of third lumbar vertebra	Diagnosis	ICD-10-CM
S32.032A	Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.032B	Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.032D	Unstable burst fracture of third lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.032G	Unstable burst fracture of third lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.032K	Unstable burst fracture of third lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.032S	Unstable burst fracture of third lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.038	Other fracture of third lumbar vertebra	Diagnosis	ICD-10-CM
S32.038A	Other fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.038B	Other fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.038D	Other fracture of third lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.038G	Other fracture of third lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.038K	Other fracture of third lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.038S	Other fracture of third lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.039	Unspecified fracture of third lumbar vertebra	Diagnosis	ICD-10-CM
S32.039A	Unspecified fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.039B	Unspecified fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.039D	Unspecified fracture of third lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.039G	Unspecified fracture of third lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.039K	Unspecified fracture of third lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.039S	Unspecified fracture of third lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.04	Fracture of fourth lumbar vertebra	Diagnosis	ICD-10-CM
S32.040	Wedge compression fracture of fourth lumbar vertebra	Diagnosis	ICD-10-CM
S32.040A	Wedge compression fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.040B	Wedge compression fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.040D	Wedge compression fracture of fourth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.040G	Wedge compression fracture of fourth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.040K	Wedge compression fracture of fourth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.040S	Wedge compression fracture of fourth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.041	Stable burst fracture of fourth lumbar vertebra	Diagnosis	ICD-10-CM
S32.041A	Stable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.041B	Stable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.041D	Stable burst fracture of fourth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.041G	Stable burst fracture of fourth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.041K	Stable burst fracture of fourth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.041S	Stable burst fracture of fourth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.042	Unstable burst fracture of fourth lumbar vertebra	Diagnosis	ICD-10-CM
S32.042A	Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.042B	Unstable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.042D	Unstable burst fracture of fourth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.042G	Unstable burst fracture of fourth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.042K	Unstable burst fracture of fourth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.042S	Unstable burst fracture of fourth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.048	Other fracture of fourth lumbar vertebra	Diagnosis	ICD-10-CM
S32.048A	Other fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.048B	Other fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.048D	Other fracture of fourth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.048G	Other fracture of fourth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.048K	Other fracture of fourth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.048S	Other fracture of fourth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.049	Unspecified fracture of fourth lumbar vertebra	Diagnosis	ICD-10-CM
S32.049A	Unspecified fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.049D	Unspecified fracture of fourth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.049G	Unspecified fracture of fourth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.049K	Unspecified fracture of fourth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.049S	Unspecified fracture of fourth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.05	Fracture of fifth lumbar vertebra	Diagnosis	ICD-10-CM
S32.050	Wedge compression fracture of fifth lumbar vertebra	Diagnosis	ICD-10-CM
S32.050A	Wedge compression fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.050B	Wedge compression fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.050D	Wedge compression fracture of fifth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.050G	Wedge compression fracture of fifth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.050K	Wedge compression fracture of fifth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.050S	Wedge compression fracture of fifth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.051	Stable burst fracture of fifth lumbar vertebra	Diagnosis	ICD-10-CM
S32.051A	Stable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.051B	Stable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.051D	Stable burst fracture of fifth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.051G	Stable burst fracture of fifth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.051K	Stable burst fracture of fifth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.051S	Stable burst fracture of fifth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.052	Unstable burst fracture of fifth lumbar vertebra	Diagnosis	ICD-10-CM
S32.052A	Unstable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.052B	Unstable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.052D	Unstable burst fracture of fifth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.052G	Unstable burst fracture of fifth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.052K	Unstable burst fracture of fifth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.052S	Unstable burst fracture of fifth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.058	Other fracture of fifth lumbar vertebra	Diagnosis	ICD-10-CM
S32.058A	Other fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.058B	Other fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.058D	Other fracture of fifth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.058G	Other fracture of fifth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.058K	Other fracture of fifth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.058S	Other fracture of fifth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.059	Unspecified fracture of fifth lumbar vertebra	Diagnosis	ICD-10-CM
S32.059A	Unspecified fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.059B	Unspecified fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.059D	Unspecified fracture of fifth lumbar vertebra, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.059G	Unspecified fracture of fifth lumbar vertebra, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.059K	Unspecified fracture of fifth lumbar vertebra, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.059S	Unspecified fracture of fifth lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S32.1	Fracture of sacrum	Diagnosis	ICD-10-CM
S32.10	Unspecified fracture of sacrum	Diagnosis	ICD-10-CM
S32.10XA	Unspecified fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.10XB	Unspecified fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.10XD	Unspecified fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.10XG	Unspecified fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.10XK	Unspecified fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.10XS	Unspecified fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.11	Zone I fracture of sacrum	Diagnosis	ICD-10-CM
S32.110	Nondisplaced Zone I fracture of sacrum	Diagnosis	ICD-10-CM
S32.110A	Nondisplaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.110B	Nondisplaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.110D	Nondisplaced Zone I fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.110G	Nondisplaced Zone I fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.110K	Nondisplaced Zone I fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.110S	Nondisplaced Zone I fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.111	Minimally displaced Zone I fracture of sacrum	Diagnosis	ICD-10-CM
S32.111A	Minimally displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.111B	Minimally displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.111D	Minimally displaced Zone I fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.111G	Minimally displaced Zone I fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.111K	Minimally displaced Zone I fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.111S	Minimally displaced Zone I fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.112	Severely displaced Zone I fracture of sacrum	Diagnosis	ICD-10-CM
S32.112A	Severely displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.112B	Severely displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.112D	Severely displaced Zone I fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.112G	Severely displaced Zone I fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.112K	Severely displaced Zone I fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.112S	Severely displaced Zone I fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.119	Unspecified Zone I fracture of sacrum	Diagnosis	ICD-10-CM
S32.119A	Unspecified Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.119B	Unspecified Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.119D	Unspecified Zone I fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.119G	Unspecified Zone I fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.119K	Unspecified Zone I fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.119S	Unspecified Zone I fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.12	Zone II fracture of sacrum	Diagnosis	ICD-10-CM
S32.120	Nondisplaced Zone II fracture of sacrum	Diagnosis	ICD-10-CM
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.120D	Nondisplaced Zone II fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.120G	Nondisplaced Zone II fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.120K	Nondisplaced Zone II fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.120S	Nondisplaced Zone II fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.121	Minimally displaced Zone II fracture of sacrum	Diagnosis	ICD-10-CM
S32.121A	Minimally displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.121B	Minimally displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.121D	Minimally displaced Zone II fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.121G	Minimally displaced Zone II fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.121K	Minimally displaced Zone II fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.121S	Minimally displaced Zone II fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.122	Severely displaced Zone II fracture of sacrum	Diagnosis	ICD-10-CM
S32.122A	Severely displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.122B	Severely displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.122D	Severely displaced Zone II fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.122G	Severely displaced Zone II fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.122K	Severely displaced Zone II fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.122S	Severely displaced Zone II fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.129	Unspecified Zone II fracture of sacrum	Diagnosis	ICD-10-CM
S32.129A	Unspecified Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.129B	Unspecified Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.129D	Unspecified Zone II fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.129G	Unspecified Zone II fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.129K	Unspecified Zone II fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.129S	Unspecified Zone II fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.13	Zone III fracture of sacrum	Diagnosis	ICD-10-CM
S32.130	Nondisplaced Zone III fracture of sacrum	Diagnosis	ICD-10-CM
S32.130A	Nondisplaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.130B	Nondisplaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.130D	Nondisplaced Zone III fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.130G	Nondisplaced Zone III fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.130K	Nondisplaced Zone III fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.130S	Nondisplaced Zone III fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.131	Minimally displaced Zone III fracture of sacrum	Diagnosis	ICD-10-CM
S32.131A	Minimally displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.131B	Minimally displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.131D	Minimally displaced Zone III fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.131G	Minimally displaced Zone III fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.131K	Minimally displaced Zone III fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.131S	Minimally displaced Zone III fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.132	Severely displaced Zone III fracture of sacrum	Diagnosis	ICD-10-CM
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.132B	Severely displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.132D	Severely displaced Zone III fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.132G	Severely displaced Zone III fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.132K	Severely displaced Zone III fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.132S	Severely displaced Zone III fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.139	Unspecified Zone III fracture of sacrum	Diagnosis	ICD-10-CM
S32.139A	Unspecified Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.139B	Unspecified Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.139D	Unspecified Zone III fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.139G	Unspecified Zone III fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.139K	Unspecified Zone III fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.139S	Unspecified Zone III fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.14	Type 1 fracture of sacrum	Diagnosis	ICD-10-CM
S32.14XA	Type 1 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.14XB	Type 1 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.14XD	Type 1 fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.14XG	Type 1 fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.14XK	Type 1 fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.14XS	Type 1 fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.15	Type 2 fracture of sacrum	Diagnosis	ICD-10-CM
S32.15XA	Type 2 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.15XB	Type 2 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.15XD	Type 2 fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.15XG	Type 2 fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.15XK	Type 2 fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.15XS	Type 2 fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.16	Type 3 fracture of sacrum	Diagnosis	ICD-10-CM
S32.16XA	Type 3 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.16XB	Type 3 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.16XD	Type 3 fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.16XG	Type 3 fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.16XK	Type 3 fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.16XS	Type 3 fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.17	Type 4 fracture of sacrum	Diagnosis	ICD-10-CM
S32.17XA	Type 4 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.17XB	Type 4 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.17XD	Type 4 fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.17XG	Type 4 fracture of sacrum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.17XK	Type 4 fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.17XS	Type 4 fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.19	Other fracture of sacrum	Diagnosis	ICD-10-CM
S32.19XA	Other fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.19XB	Other fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.19XD	Other fracture of sacrum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.19XG	Other fracture of sacrum, subsequent encounter for fracture with delayed	Diagnosis	ICD-10-CM
S32.19XK	Other fracture of sacrum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.19XS	Other fracture of sacrum, sequela	Diagnosis	ICD-10-CM
S32.2	Fracture of coccyx	Diagnosis	ICD-10-CM
S32.2XXA	Fracture of coccyx, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.2XXB	Fracture of coccyx, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.2XXD	Fracture of coccyx, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.2XXG	Fracture of coccyx, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.2XXK	Fracture of coccyx, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.2XXS	Fracture of coccyx, sequela	Diagnosis	ICD-10-CM
S32.3	Fracture of ilium	Diagnosis	ICD-10-CM
S32.30	Unspecified fracture of ilium	Diagnosis	ICD-10-CM
S32.301	Unspecified fracture of right ilium	Diagnosis	ICD-10-CM
S32.301A	Unspecified fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.301B	Unspecified fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.301D	Unspecified fracture of right ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.301G	Unspecified fracture of right ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.301K	Unspecified fracture of right ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.301S	Unspecified fracture of right ilium, sequela	Diagnosis	ICD-10-CM
S32.302	Unspecified fracture of left ilium	Diagnosis	ICD-10-CM
S32.302A	Unspecified fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.302B	Unspecified fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.302D	Unspecified fracture of left ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.302G	Unspecified fracture of left ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.302K	Unspecified fracture of left ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.302S	Unspecified fracture of left ilium, sequela	Diagnosis	ICD-10-CM
S32.309	Unspecified fracture of unspecified ilium	Diagnosis	ICD-10-CM
S32.309A	Unspecified fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.309B	Unspecified fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.309D	Unspecified fracture of unspecified ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.309G	Unspecified fracture of unspecified ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.309K	Unspecified fracture of unspecified ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.309S	Unspecified fracture of unspecified ilium, sequela	Diagnosis	ICD-10-CM
S32.31	Avulsion fracture of ilium	Diagnosis	ICD-10-CM
S32.311	Displaced avulsion fracture of right ilium	Diagnosis	ICD-10-CM
S32.311A	Displaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.311B	Displaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.311D	Displaced avulsion fracture of right ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.311G	Displaced avulsion fracture of right ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.311K	Displaced avulsion fracture of right ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.311S	Displaced avulsion fracture of right ilium, sequela	Diagnosis	ICD-10-CM
S32.312	Displaced avulsion fracture of left ilium	Diagnosis	ICD-10-CM
S32.312A	Displaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.312B	Displaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.312D	Displaced avulsion fracture of left ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.312G	Displaced avulsion fracture of left ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.312K	Displaced avulsion fracture of left ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.312S	Displaced avulsion fracture of left ilium, sequela	Diagnosis	ICD-10-CM
S32.313	Displaced avulsion fracture of unspecified ilium	Diagnosis	ICD-10-CM
S32.313A	Displaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.313B	Displaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.313D	Displaced avulsion fracture of unspecified ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.313G	Displaced avulsion fracture of unspecified ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.313K	Displaced avulsion fracture of unspecified ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.313S	Displaced avulsion fracture of unspecified ilium, sequela	Diagnosis	ICD-10-CM
S32.314	Nondisplaced avulsion fracture of right ilium	Diagnosis	ICD-10-CM
S32.314A	Nondisplaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.314B	Nondisplaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.314D	Nondisplaced avulsion fracture of right ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.314G	Nondisplaced avulsion fracture of right ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.314K	Nondisplaced avulsion fracture of right ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.314S	Nondisplaced avulsion fracture of right ilium, sequela	Diagnosis	ICD-10-CM
S32.315	Nondisplaced avulsion fracture of left ilium	Diagnosis	ICD-10-CM
S32.315A	Nondisplaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.315B	Nondisplaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.315D	Nondisplaced avulsion fracture of left ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.315G	Nondisplaced avulsion fracture of left ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.315K	Nondisplaced avulsion fracture of left ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.315S	Nondisplaced avulsion fracture of left ilium, sequela	Diagnosis	ICD-10-CM
S32.316	Nondisplaced avulsion fracture of unspecified ilium	Diagnosis	ICD-10-CM
S32.316A	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.316B	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.316D	Nondisplaced avulsion fracture of unspecified ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.316G	Nondisplaced avulsion fracture of unspecified ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.316K	Nondisplaced avulsion fracture of unspecified ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.316S	Nondisplaced avulsion fracture of unspecified ilium, sequela	Diagnosis	ICD-10-CM
S32.39	Other fracture of ilium	Diagnosis	ICD-10-CM
S32.391	Other fracture of right ilium	Diagnosis	ICD-10-CM
S32.391A	Other fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.391B	Other fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.391D	Other fracture of right ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.391G	Other fracture of right ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.391K	Other fracture of right ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.391S	Other fracture of right ilium, sequela	Diagnosis	ICD-10-CM
S32.392	Other fracture of left ilium	Diagnosis	ICD-10-CM
S32.392A	Other fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.392B	Other fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.392D	Other fracture of left ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.392G	Other fracture of left ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.392K	Other fracture of left ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.392S	Other fracture of left ilium, sequela	Diagnosis	ICD-10-CM
S32.399	Other fracture of unspecified ilium	Diagnosis	ICD-10-CM
S32.399A	Other fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.399B	Other fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.399D	Other fracture of unspecified ilium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.399G	Other fracture of unspecified ilium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.399K	Other fracture of unspecified ilium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.399S	Other fracture of unspecified ilium, sequela	Diagnosis	ICD-10-CM
S32.4	Fracture of acetabulum	Diagnosis	ICD-10-CM
S32.40	Unspecified fracture of acetabulum	Diagnosis	ICD-10-CM
S32.401	Unspecified fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.401A	Unspecified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.401B	Unspecified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.401D	Unspecified fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.401G	Unspecified fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.401K	Unspecified fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.401S	Unspecified fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.402	Unspecified fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.402A	Unspecified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.402B	Unspecified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.402D	Unspecified fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.402G	Unspecified fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.402K	Unspecified fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.402S	Unspecified fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.409	Unspecified fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.409A	Unspecified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.409B	Unspecified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.409D	Unspecified fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.409G	Unspecified fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.409K	Unspecified fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.409S	Unspecified fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.41	Fracture of anterior wall of acetabulum	Diagnosis	ICD-10-CM
S32.411	Displaced fracture of anterior wall of right acetabulum	Diagnosis	ICD-10-CM
S32.411A	Displaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.411B	Displaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.411D	Displaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.411G	Displaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.411K	Displaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.411S	Displaced fracture of anterior wall of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.412	Displaced fracture of anterior wall of left acetabulum	Diagnosis	ICD-10-CM
S32.412A	Displaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.412B	Displaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.412D	Displaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.412G	Displaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.412K	Displaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.412S	Displaced fracture of anterior wall of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.413	Displaced fracture of anterior wall of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.413A	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.413B	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.413D	Displaced fracture of anterior wall of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.413G	Displaced fracture of anterior wall of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.413K	Displaced fracture of anterior wall of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.413S	Displaced fracture of anterior wall of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.414	Nondisplaced fracture of anterior wall of right acetabulum	Diagnosis	ICD-10-CM
S32.414A	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.414B	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.414D	Nondisplaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.414G	Nondisplaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.414K	Nondisplaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.414S	Nondisplaced fracture of anterior wall of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.415	Nondisplaced fracture of anterior wall of left acetabulum	Diagnosis	ICD-10-CM
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.415D	Nondisplaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.415G	Nondisplaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.415K	Nondisplaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.415S	Nondisplaced fracture of anterior wall of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.416	Nondisplaced fracture of anterior wall of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.416A	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.416B	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.416D	Nondisplaced fracture of anterior wall of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.416G	Nondisplaced fracture of anterior wall of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.416K	Nondisplaced fracture of anterior wall of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.416S	Nondisplaced fracture of anterior wall of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.42	Fracture of posterior wall of acetabulum	Diagnosis	ICD-10-CM
S32.421	Displaced fracture of posterior wall of right acetabulum	Diagnosis	ICD-10-CM
S32.421A	Displaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.421B	Displaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.421D	Displaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.421G	Displaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.421K	Displaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.421S	Displaced fracture of posterior wall of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.422	Displaced fracture of posterior wall of left acetabulum	Diagnosis	ICD-10-CM
S32.422A	Displaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.422B	Displaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.422D	Displaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.422G	Displaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.422K	Displaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.422S	Displaced fracture of posterior wall of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.423	Displaced fracture of posterior wall of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.423A	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.423B	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.423D	Displaced fracture of posterior wall of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.423G	Displaced fracture of posterior wall of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.423K	Displaced fracture of posterior wall of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.423S	Displaced fracture of posterior wall of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.424	Nondisplaced fracture of posterior wall of right acetabulum	Diagnosis	ICD-10-CM
S32.424A	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.424B	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.424D	Nondisplaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.424G	Nondisplaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.424K	Nondisplaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.424S	Nondisplaced fracture of posterior wall of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.425	Nondisplaced fracture of posterior wall of left acetabulum	Diagnosis	ICD-10-CM
S32.425A	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.425B	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.425D	Nondisplaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.425G	Nondisplaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.425K	Nondisplaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.425S	Nondisplaced fracture of posterior wall of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.426	Nondisplaced fracture of posterior wall of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.426A	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.426B	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.426D	Nondisplaced fracture of posterior wall of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.426G	Nondisplaced fracture of posterior wall of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.426K	Nondisplaced fracture of posterior wall of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.426S	Nondisplaced fracture of posterior wall of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.43	Fracture of anterior column [iliopubic] of acetabulum	Diagnosis	ICD-10-CM
S32.431	Displaced fracture of anterior column [iliopubic] of right acetabulum	Diagnosis	ICD-10-CM
S32.431A	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.431B	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.431D	Displaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.431G	Displaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.431K	Displaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.431S	Displaced fracture of anterior column [iliopubic] of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.432	Displaced fracture of anterior column [iliopubic] of left acetabulum	Diagnosis	ICD-10-CM
S32.432A	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.432B	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.432D	Displaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.432G	Displaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.432K	Displaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.432S	Displaced fracture of anterior column [iliopubic] of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.433	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.433A	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.433B	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.433D	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.433G	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.433K	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.433S	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.434	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.434A	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.434B	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.434D	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.434G	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.434K	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.434S	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.435	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum	Diagnosis	ICD-10-CM
S32.435A	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.435B	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.435D	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.435G	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.435K	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.435S	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.436	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.436A	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.436B	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.436D	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.436G	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.436K	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.436S	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.44	Fracture of posterior column [ilioischial] of acetabulum	Diagnosis	ICD-10-CM
S32.441	Displaced fracture of posterior column [ilioischial] of right acetabulum	Diagnosis	ICD-10-CM
S32.441A	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.441B	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.441D	Displaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.441G	Displaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.441K	Displaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.441S	Displaced fracture of posterior column [ilioischial] of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.442	Displaced fracture of posterior column [ilioischial] of left acetabulum	Diagnosis	ICD-10-CM
S32.442A	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.442B	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.442D	Displaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.442G	Displaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.442K	Displaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.442S	Displaced fracture of posterior column [ilioischial] of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.443	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.443A	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.443B	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.443D	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.443G	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.443K	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.443S	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.444	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum	Diagnosis	ICD-10-CM
S32.444A	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.444B	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.444D	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.444G	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.444K	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.444S	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.445	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.445A	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.445B	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.445D	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.445G	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.445K	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.445S	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.446	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.446A	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.446B	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.446D	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.446G	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.446K	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.446S	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.45	Transverse fracture of acetabulum	Diagnosis	ICD-10-CM
S32.451	Displaced transverse fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.451A	Displaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.451B	Displaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.451D	Displaced transverse fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.451G	Displaced transverse fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.451K	Displaced transverse fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.451S	Displaced transverse fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.452	Displaced transverse fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.452A	Displaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.452B	Displaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.452D	Displaced transverse fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.452G	Displaced transverse fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.452K	Displaced transverse fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.452S	Displaced transverse fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.453	Displaced transverse fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.453A	Displaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.453B	Displaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.453D	Displaced transverse fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.453G	Displaced transverse fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.453K	Displaced transverse fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.453S	Displaced transverse fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.454	Nondisplaced transverse fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.454A	Nondisplaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.454B	Nondisplaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.454D	Nondisplaced transverse fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.454G	Nondisplaced transverse fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.454K	Nondisplaced transverse fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.454S	Nondisplaced transverse fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.455	Nondisplaced transverse fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.455A	Nondisplaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.455B	Nondisplaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.455D	Nondisplaced transverse fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.455G	Nondisplaced transverse fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.455K	Nondisplaced transverse fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.455S	Nondisplaced transverse fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.456	Nondisplaced transverse fracture of unspecified acetabulum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.456A	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.456B	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.456D	Nondisplaced transverse fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.456G	Nondisplaced transverse fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.456K	Nondisplaced transverse fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.456S	Nondisplaced transverse fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.46	Associated transverse-posterior fracture of acetabulum	Diagnosis	ICD-10-CM
S32.461	Displaced associated transverse-posterior fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.461A	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.461B	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.461D	Displaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.461G	Displaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.461K	Displaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.461S	Displaced associated transverse-posterior fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.462	Displaced associated transverse-posterior fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.462A	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.462B	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.462D	Displaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.462G	Displaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.462K	Displaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.462S	Displaced associated transverse-posterior fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.463	Displaced associated transverse-posterior fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.463A	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.463B	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.463D	Displaced associated transverse-posterior fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.463G	Displaced associated transverse-posterior fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.463K	Displaced associated transverse-posterior fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.463S	Displaced associated transverse-posterior fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.464	Nondisplaced associated transverse-posterior fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.464A	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.464B	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.464D	Nondisplaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.464G	Nondisplaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.464K	Nondisplaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.464S	Nondisplaced associated transverse-posterior fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.465	Nondisplaced associated transverse-posterior fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.465A	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.465B	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.465D	Nondisplaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.465G	Nondisplaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.465K	Nondisplaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.465S	Nondisplaced associated transverse-posterior fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.466	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.466A	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.466B	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.466D	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.466G	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.466K	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.466S	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.47	Fracture of medial wall of acetabulum	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.471	Displaced fracture of medial wall of right acetabulum	Diagnosis	ICD-10-CM
S32.471A	Displaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.471B	Displaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.471D	Displaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.471G	Displaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.471K	Displaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.471S	Displaced fracture of medial wall of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.472	Displaced fracture of medial wall of left acetabulum	Diagnosis	ICD-10-CM
S32.472A	Displaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.472B	Displaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.472D	Displaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.472G	Displaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.472K	Displaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.472S	Displaced fracture of medial wall of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.473	Displaced fracture of medial wall of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.473A	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.473B	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.473D	Displaced fracture of medial wall of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.473G	Displaced fracture of medial wall of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.473K	Displaced fracture of medial wall of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.473S	Displaced fracture of medial wall of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.474	Nondisplaced fracture of medial wall of right acetabulum	Diagnosis	ICD-10-CM
S32.474A	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.474B	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.474D	Nondisplaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.474G	Nondisplaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.474K	Nondisplaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.474S	Nondisplaced fracture of medial wall of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.475	Nondisplaced fracture of medial wall of left acetabulum	Diagnosis	ICD-10-CM
S32.475A	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.475B	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.475D	Nondisplaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.475G	Nondisplaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.475K	Nondisplaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.475S	Nondisplaced fracture of medial wall of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.476	Nondisplaced fracture of medial wall of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.476A	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.476B	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.476D	Nondisplaced fracture of medial wall of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.476G	Nondisplaced fracture of medial wall of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.476K	Nondisplaced fracture of medial wall of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.476S	Nondisplaced fracture of medial wall of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.48	Dome fracture of acetabulum	Diagnosis	ICD-10-CM
S32.481	Displaced dome fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.481A	Displaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.481B	Displaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.481D	Displaced dome fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.481G	Displaced dome fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.481K	Displaced dome fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.481S	Displaced dome fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.482	Displaced dome fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.482A	Displaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.482B	Displaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.482D	Displaced dome fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.482G	Displaced dome fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.482K	Displaced dome fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.482S	Displaced dome fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.483	Displaced dome fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.483A	Displaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.483B	Displaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.483D	Displaced dome fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.483G	Displaced dome fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.483K	Displaced dome fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.483S	Displaced dome fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.484	Nondisplaced dome fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.484A	Nondisplaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.484B	Nondisplaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.484D	Nondisplaced dome fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.484G	Nondisplaced dome fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.484K	Nondisplaced dome fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.484S	Nondisplaced dome fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.485	Nondisplaced dome fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.485A	Nondisplaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.485B	Nondisplaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.485D	Nondisplaced dome fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.485G	Nondisplaced dome fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.485K	Nondisplaced dome fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.485S	Nondisplaced dome fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.486	Nondisplaced dome fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.486D	Nondisplaced dome fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.486G	Nondisplaced dome fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.486K	Nondisplaced dome fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.486S	Nondisplaced dome fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.49	Other specified fracture of acetabulum	Diagnosis	ICD-10-CM
S32.491	Other specified fracture of right acetabulum	Diagnosis	ICD-10-CM
S32.491A	Other specified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.491B	Other specified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.491D	Other specified fracture of right acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.491G	Other specified fracture of right acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.491K	Other specified fracture of right acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.491S	Other specified fracture of right acetabulum, sequela	Diagnosis	ICD-10-CM
S32.492	Other specified fracture of left acetabulum	Diagnosis	ICD-10-CM
S32.492A	Other specified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.492B	Other specified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.492D	Other specified fracture of left acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.492G	Other specified fracture of left acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.492K	Other specified fracture of left acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.492S	Other specified fracture of left acetabulum, sequela	Diagnosis	ICD-10-CM
S32.499	Other specified fracture of unspecified acetabulum	Diagnosis	ICD-10-CM
S32.499A	Other specified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.499B	Other specified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.499D	Other specified fracture of unspecified acetabulum, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.499G	Other specified fracture of unspecified acetabulum, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.499K	Other specified fracture of unspecified acetabulum, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.499S	Other specified fracture of unspecified acetabulum, sequela	Diagnosis	ICD-10-CM
S32.5	Fracture of pubis	Diagnosis	ICD-10-CM
S32.50	Unspecified fracture of pubis	Diagnosis	ICD-10-CM
S32.501	Unspecified fracture of right pubis	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.501A	Unspecified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.501B	Unspecified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.501D	Unspecified fracture of right pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.501G	Unspecified fracture of right pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.501K	Unspecified fracture of right pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.501S	Unspecified fracture of right pubis, sequela	Diagnosis	ICD-10-CM
S32.502	Unspecified fracture of left pubis	Diagnosis	ICD-10-CM
S32.502A	Unspecified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.502B	Unspecified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.502D	Unspecified fracture of left pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.502G	Unspecified fracture of left pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.502K	Unspecified fracture of left pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.502S	Unspecified fracture of left pubis, sequela	Diagnosis	ICD-10-CM
S32.509	Unspecified fracture of unspecified pubis	Diagnosis	ICD-10-CM
S32.509A	Unspecified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.509B	Unspecified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.509D	Unspecified fracture of unspecified pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.509G	Unspecified fracture of unspecified pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.509K	Unspecified fracture of unspecified pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.509S	Unspecified fracture of unspecified pubis, sequela	Diagnosis	ICD-10-CM
S32.51	Fracture of superior rim of pubis	Diagnosis	ICD-10-CM
S32.511	Fracture of superior rim of right pubis	Diagnosis	ICD-10-CM
S32.511A	Fracture of superior rim of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.511B	Fracture of superior rim of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.511D	Fracture of superior rim of right pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.511G	Fracture of superior rim of right pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.511K	Fracture of superior rim of right pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.511S	Fracture of superior rim of right pubis, sequela	Diagnosis	ICD-10-CM
S32.512	Fracture of superior rim of left pubis	Diagnosis	ICD-10-CM
S32.512A	Fracture of superior rim of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.512B	Fracture of superior rim of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.512D	Fracture of superior rim of left pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.512G	Fracture of superior rim of left pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.512K	Fracture of superior rim of left pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.512S	Fracture of superior rim of left pubis, sequela	Diagnosis	ICD-10-CM
S32.519	Fracture of superior rim of unspecified pubis	Diagnosis	ICD-10-CM
S32.519A	Fracture of superior rim of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.519B	Fracture of superior rim of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.519D	Fracture of superior rim of unspecified pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.519G	Fracture of superior rim of unspecified pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.519K	Fracture of superior rim of unspecified pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.519S	Fracture of superior rim of unspecified pubis, sequela	Diagnosis	ICD-10-CM
S32.59	Other specified fracture of pubis	Diagnosis	ICD-10-CM
S32.591	Other specified fracture of right pubis	Diagnosis	ICD-10-CM
S32.591A	Other specified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.591B	Other specified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.591D	Other specified fracture of right pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.591G	Other specified fracture of right pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.591K	Other specified fracture of right pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.591S	Other specified fracture of right pubis, sequela	Diagnosis	ICD-10-CM
S32.592	Other specified fracture of left pubis	Diagnosis	ICD-10-CM
S32.592A	Other specified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.592B	Other specified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.592D	Other specified fracture of left pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.592G	Other specified fracture of left pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.592K	Other specified fracture of left pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.592S	Other specified fracture of left pubis, sequela	Diagnosis	ICD-10-CM
S32.599	Other specified fracture of unspecified pubis	Diagnosis	ICD-10-CM
S32.599A	Other specified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.599B	Other specified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.599D	Other specified fracture of unspecified pubis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.599G	Other specified fracture of unspecified pubis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.599K	Other specified fracture of unspecified pubis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.599S	Other specified fracture of unspecified pubis, sequela	Diagnosis	ICD-10-CM
S32.6	Fracture of ischium	Diagnosis	ICD-10-CM
S32.60	Unspecified fracture of ischium	Diagnosis	ICD-10-CM
S32.601	Unspecified fracture of right ischium	Diagnosis	ICD-10-CM
S32.601A	Unspecified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.601B	Unspecified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.601D	Unspecified fracture of right ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.601G	Unspecified fracture of right ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.601K	Unspecified fracture of right ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.601S	Unspecified fracture of right ischium, sequela	Diagnosis	ICD-10-CM
S32.602	Unspecified fracture of left ischium	Diagnosis	ICD-10-CM
S32.602A	Unspecified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.602B	Unspecified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.602D	Unspecified fracture of left ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.602G	Unspecified fracture of left ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.602K	Unspecified fracture of left ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.602S	Unspecified fracture of left ischium, sequela	Diagnosis	ICD-10-CM
S32.609	Unspecified fracture of unspecified ischium	Diagnosis	ICD-10-CM
S32.609A	Unspecified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.609B	Unspecified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.609D	Unspecified fracture of unspecified ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.609G	Unspecified fracture of unspecified ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.609K	Unspecified fracture of unspecified ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.609S	Unspecified fracture of unspecified ischium, sequela	Diagnosis	ICD-10-CM
S32.61	Avulsion fracture of ischium	Diagnosis	ICD-10-CM
S32.611	Displaced avulsion fracture of right ischium	Diagnosis	ICD-10-CM
S32.611A	Displaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.611B	Displaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.611D	Displaced avulsion fracture of right ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.611G	Displaced avulsion fracture of right ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.611K	Displaced avulsion fracture of right ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.611S	Displaced avulsion fracture of right ischium, sequela	Diagnosis	ICD-10-CM
S32.612	Displaced avulsion fracture of left ischium	Diagnosis	ICD-10-CM
S32.612A	Displaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.612B	Displaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.612D	Displaced avulsion fracture of left ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.612G	Displaced avulsion fracture of left ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.612K	Displaced avulsion fracture of left ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.612S	Displaced avulsion fracture of left ischium, sequela	Diagnosis	ICD-10-CM
S32.613	Displaced avulsion fracture of unspecified ischium	Diagnosis	ICD-10-CM
S32.613A	Displaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.613B	Displaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.613D	Displaced avulsion fracture of unspecified ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.613G	Displaced avulsion fracture of unspecified ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.613K	Displaced avulsion fracture of unspecified ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.613S	Displaced avulsion fracture of unspecified ischium, sequela	Diagnosis	ICD-10-CM
S32.614	Nondisplaced avulsion fracture of right ischium	Diagnosis	ICD-10-CM
S32.614A	Nondisplaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.614B	Nondisplaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.614D	Nondisplaced avulsion fracture of right ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.614G	Nondisplaced avulsion fracture of right ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.614K	Nondisplaced avulsion fracture of right ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.614S	Nondisplaced avulsion fracture of right ischium, sequela	Diagnosis	ICD-10-CM
S32.615	Nondisplaced avulsion fracture of left ischium	Diagnosis	ICD-10-CM
S32.615A	Nondisplaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.615B	Nondisplaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.615D	Nondisplaced avulsion fracture of left ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.615G	Nondisplaced avulsion fracture of left ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.615K	Nondisplaced avulsion fracture of left ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.615S	Nondisplaced avulsion fracture of left ischium, sequela	Diagnosis	ICD-10-CM
S32.616	Nondisplaced avulsion fracture of unspecified ischium	Diagnosis	ICD-10-CM
S32.616A	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.616B	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.616D	Nondisplaced avulsion fracture of unspecified ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.616G	Nondisplaced avulsion fracture of unspecified ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.616K	Nondisplaced avulsion fracture of unspecified ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.616S	Nondisplaced avulsion fracture of unspecified ischium, sequela	Diagnosis	ICD-10-CM
S32.69	Other specified fracture of ischium	Diagnosis	ICD-10-CM
S32.691	Other specified fracture of right ischium	Diagnosis	ICD-10-CM
S32.691A	Other specified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.691B	Other specified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.691D	Other specified fracture of right ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.691G	Other specified fracture of right ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.691K	Other specified fracture of right ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.691S	Other specified fracture of right ischium, sequela	Diagnosis	ICD-10-CM
S32.692	Other specified fracture of left ischium	Diagnosis	ICD-10-CM
S32.692A	Other specified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.692B	Other specified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.692D	Other specified fracture of left ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.692G	Other specified fracture of left ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.692K	Other specified fracture of left ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.692S	Other specified fracture of left ischium, sequela	Diagnosis	ICD-10-CM
S32.699	Other specified fracture of unspecified ischium	Diagnosis	ICD-10-CM
S32.699A	Other specified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.699B	Other specified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.699D	Other specified fracture of unspecified ischium, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.699G	Other specified fracture of unspecified ischium, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.699K	Other specified fracture of unspecified ischium, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.699S	Other specified fracture of unspecified ischium, sequela	Diagnosis	ICD-10-CM
S32.8	Fracture of other parts of pelvis	Diagnosis	ICD-10-CM
S32.81	Multiple fractures of pelvis with disruption of pelvic ring	Diagnosis	ICD-10-CM
S32.810	Multiple fractures of pelvis with stable disruption of pelvic ring	Diagnosis	ICD-10-CM
S32.810A	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.810B	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.810D	Multiple fractures of pelvis with stable disruption of pelvic ring, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.810G	Multiple fractures of pelvis with stable disruption of pelvic ring, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.810K	Multiple fractures of pelvis with stable disruption of pelvic ring, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.810S	Multiple fractures of pelvis with stable disruption of pelvic ring, sequela	Diagnosis	ICD-10-CM
S32.811	Multiple fractures of pelvis with unstable disruption of pelvic ring	Diagnosis	ICD-10-CM
S32.811A	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.811B	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.811D	Multiple fractures of pelvis with unstable disruption of pelvic ring, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.811G	Multiple fractures of pelvis with unstable disruption of pelvic ring, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.811K	Multiple fractures of pelvis with unstable disruption of pelvic ring, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.811S	Multiple fractures of pelvis with unstable disruption of pelvic ring, sequela	Diagnosis	ICD-10-CM
S32.82	Multiple fractures of pelvis without disruption of pelvic ring	Diagnosis	ICD-10-CM
S32.82XA	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.82XB	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.82XD	Multiple fractures of pelvis without disruption of pelvic ring, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.82XG	Multiple fractures of pelvis without disruption of pelvic ring, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.82XK	Multiple fractures of pelvis without disruption of pelvic ring, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.82XS	Multiple fractures of pelvis without disruption of pelvic ring, sequela	Diagnosis	ICD-10-CM
S32.89	Fracture of other parts of pelvis	Diagnosis	ICD-10-CM
S32.89XA	Fracture of other parts of pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.89XB	Fracture of other parts of pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S32.89XD	Fracture of other parts of pelvis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.89XG	Fracture of other parts of pelvis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.89XK	Fracture of other parts of pelvis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.89XS	Fracture of other parts of pelvis, sequela	Diagnosis	ICD-10-CM
S32.9	Fracture of unspecified parts of lumbosacral spine and pelvis	Diagnosis	ICD-10-CM
S32.9XXA	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.9XXB	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.9XXD	Fracture of unspecified parts of lumbosacral spine and pelvis, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S32.9XXG	Fracture of unspecified parts of lumbosacral spine and pelvis, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S32.9XXK	Fracture of unspecified parts of lumbosacral spine and pelvis, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S32.9XXS	Fracture of unspecified parts of lumbosacral spine and pelvis, sequela	Diagnosis	ICD-10-CM
S33	Dislocation and sprain of joints and ligaments of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S33.0	Traumatic rupture of lumbar intervertebral disc	Diagnosis	ICD-10-CM
S33.0XXA	Traumatic rupture of lumbar intervertebral disc, initial encounter	Diagnosis	ICD-10-CM
S33.0XXD	Traumatic rupture of lumbar intervertebral disc, subsequent encounter	Diagnosis	ICD-10-CM
S33.0XXS	Traumatic rupture of lumbar intervertebral disc, sequela	Diagnosis	ICD-10-CM
S33.1	Subluxation and dislocation of lumbar vertebra	Diagnosis	ICD-10-CM
S33.10	Subluxation and dislocation of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S33.100	Subluxation of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S33.100A	Subluxation of unspecified lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.100D	Subluxation of unspecified lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.100S	Subluxation of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.101	Dislocation of unspecified lumbar vertebra	Diagnosis	ICD-10-CM
S33.101A	Dislocation of unspecified lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.101D	Dislocation of unspecified lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.101S	Dislocation of unspecified lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.11	Subluxation and dislocation of L1/L2 lumbar vertebra	Diagnosis	ICD-10-CM
S33.110	Subluxation of L1/L2 lumbar vertebra	Diagnosis	ICD-10-CM
S33.110A	Subluxation of L1/L2 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.110D	Subluxation of L1/L2 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.110S	Subluxation of L1/L2 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.111	Dislocation of L1/L2 lumbar vertebra	Diagnosis	ICD-10-CM
S33.111A	Dislocation of L1/L2 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.111D	Dislocation of L1/L2 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.111S	Dislocation of L1/L2 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.12	Subluxation and dislocation of L2/L3 lumbar vertebra	Diagnosis	ICD-10-CM
S33.120	Subluxation of L2/L3 lumbar vertebra	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S33.120A	Subluxation of L2/L3 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.120D	Subluxation of L2/L3 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.120S	Subluxation of L2/L3 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.121	Dislocation of L2/L3 lumbar vertebra	Diagnosis	ICD-10-CM
S33.121A	Dislocation of L2/L3 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.121D	Dislocation of L2/L3 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.121S	Dislocation of L2/L3 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.13	Subluxation and dislocation of L3/L4 lumbar vertebra	Diagnosis	ICD-10-CM
S33.130	Subluxation of L3/L4 lumbar vertebra	Diagnosis	ICD-10-CM
S33.130A	Subluxation of L3/L4 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.130D	Subluxation of L3/L4 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.130S	Subluxation of L3/L4 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.131	Dislocation of L3/L4 lumbar vertebra	Diagnosis	ICD-10-CM
S33.131A	Dislocation of L3/L4 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.131D	Dislocation of L3/L4 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.131S	Dislocation of L3/L4 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.14	Subluxation and dislocation of L4/L5 lumbar vertebra	Diagnosis	ICD-10-CM
S33.140	Subluxation of L4/L5 lumbar vertebra	Diagnosis	ICD-10-CM
S33.140A	Subluxation of L4/L5 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.140D	Subluxation of L4/L5 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.140S	Subluxation of L4/L5 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.141	Dislocation of L4/L5 lumbar vertebra	Diagnosis	ICD-10-CM
S33.141A	Dislocation of L4/L5 lumbar vertebra, initial encounter	Diagnosis	ICD-10-CM
S33.141D	Dislocation of L4/L5 lumbar vertebra, subsequent encounter	Diagnosis	ICD-10-CM
S33.141S	Dislocation of L4/L5 lumbar vertebra, sequela	Diagnosis	ICD-10-CM
S33.2	Dislocation of sacroiliac and sacrococcygeal joint	Diagnosis	ICD-10-CM
S33.2XXA	Dislocation of sacroiliac and sacrococcygeal joint, initial encounter	Diagnosis	ICD-10-CM
S33.2XXD	Dislocation of sacroiliac and sacrococcygeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S33.2XXS	Dislocation of sacroiliac and sacrococcygeal joint, sequela	Diagnosis	ICD-10-CM
S33.3	Dislocation of other and unspecified parts of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S33.30	Dislocation of unspecified parts of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S33.30XA	Dislocation of unspecified parts of lumbar spine and pelvis, initial encounter	Diagnosis	ICD-10-CM
S33.30XD	Dislocation of unspecified parts of lumbar spine and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S33.30XS	Dislocation of unspecified parts of lumbar spine and pelvis, sequela	Diagnosis	ICD-10-CM
S33.39	Dislocation of other parts of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S33.39XA	Dislocation of other parts of lumbar spine and pelvis, initial encounter	Diagnosis	ICD-10-CM
S33.39XD	Dislocation of other parts of lumbar spine and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S33.39XS	Dislocation of other parts of lumbar spine and pelvis, sequela	Diagnosis	ICD-10-CM
S33.4	Traumatic rupture of symphysis pubis	Diagnosis	ICD-10-CM
S33.4XXA	Traumatic rupture of symphysis pubis, initial encounter	Diagnosis	ICD-10-CM
S33.4XXD	Traumatic rupture of symphysis pubis, subsequent encounter	Diagnosis	ICD-10-CM
S33.4XXS	Traumatic rupture of symphysis pubis, sequela	Diagnosis	ICD-10-CM
S33.5	Sprain of ligaments of lumbar spine	Diagnosis	ICD-10-CM
S33.5XXA	Sprain of ligaments of lumbar spine, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S33.5XXD	Sprain of ligaments of lumbar spine, subsequent encounter	Diagnosis	ICD-10-CM
S33.5XXS	Sprain of ligaments of lumbar spine, sequela	Diagnosis	ICD-10-CM
S33.6	Sprain of sacroiliac joint	Diagnosis	ICD-10-CM
S33.6XXA	Sprain of sacroiliac joint, initial encounter	Diagnosis	ICD-10-CM
S33.6XXD	Sprain of sacroiliac joint, subsequent encounter	Diagnosis	ICD-10-CM
S33.6XXS	Sprain of sacroiliac joint, sequela	Diagnosis	ICD-10-CM
S33.8	Sprain of other parts of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S33.8XXA	Sprain of other parts of lumbar spine and pelvis, initial encounter	Diagnosis	ICD-10-CM
S33.8XXD	Sprain of other parts of lumbar spine and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S33.8XXS	Sprain of other parts of lumbar spine and pelvis, sequela	Diagnosis	ICD-10-CM
S33.9	Sprain of unspecified parts of lumbar spine and pelvis	Diagnosis	ICD-10-CM
S33.9XXA	Sprain of unspecified parts of lumbar spine and pelvis, initial encounter	Diagnosis	ICD-10-CM
S33.9XXD	Sprain of unspecified parts of lumbar spine and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S33.9XXS	Sprain of unspecified parts of lumbar spine and pelvis, sequela	Diagnosis	ICD-10-CM
S34	Injury of lumbar and sacral spinal cord and nerves at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S34.0	Concussion and edema of lumbar and sacral spinal cord	Diagnosis	ICD-10-CM
S34.01	Concussion and edema of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.01XA	Concussion and edema of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.01XD	Concussion and edema of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.01XS	Concussion and edema of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.02	Concussion and edema of sacral spinal cord	Diagnosis	ICD-10-CM
S34.02XA	Concussion and edema of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.02XD	Concussion and edema of sacral spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.02XS	Concussion and edema of sacral spinal cord, sequela	Diagnosis	ICD-10-CM
S34.1	Other and unspecified injury of lumbar and sacral spinal cord	Diagnosis	ICD-10-CM
S34.10	Unspecified injury to lumbar spinal cord	Diagnosis	ICD-10-CM
S34.101	Unspecified injury to L1 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.101D	Unspecified injury to L1 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.101S	Unspecified injury to L1 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.102	Unspecified injury to L2 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102D	Unspecified injury to L2 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.102S	Unspecified injury to L2 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.103	Unspecified injury to L3 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103D	Unspecified injury to L3 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.103S	Unspecified injury to L3 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.104	Unspecified injury to L4 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104D	Unspecified injury to L4 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.104S	Unspecified injury to L4 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.105	Unspecified injury to L5 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S34.105D	Unspecified injury to L5 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.105S	Unspecified injury to L5 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.109	Unspecified injury to unspecified level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109D	Unspecified injury to unspecified level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.109S	Unspecified injury to unspecified level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.11	Complete lesion of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.111	Complete lesion of L1 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111D	Complete lesion of L1 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.111S	Complete lesion of L1 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.112	Complete lesion of L2 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112D	Complete lesion of L2 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.112S	Complete lesion of L2 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.113	Complete lesion of L3 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113D	Complete lesion of L3 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.113S	Complete lesion of L3 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.114	Complete lesion of L4 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114D	Complete lesion of L4 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.114S	Complete lesion of L4 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.115	Complete lesion of L5 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115D	Complete lesion of L5 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.115S	Complete lesion of L5 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.119	Complete lesion of unspecified level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119D	Complete lesion of unspecified level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.119S	Complete lesion of unspecified level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.12	Incomplete lesion of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.121	Incomplete lesion of L1 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121D	Incomplete lesion of L1 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.121S	Incomplete lesion of L1 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.122	Incomplete lesion of L2 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122D	Incomplete lesion of L2 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.122S	Incomplete lesion of L2 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.123	Incomplete lesion of L3 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123D	Incomplete lesion of L3 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S34.123S	Incomplete lesion of L3 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.124	Incomplete lesion of L4 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124D	Incomplete lesion of L4 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.124S	Incomplete lesion of L4 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.125	Incomplete lesion of L5 level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125D	Incomplete lesion of L5 level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.125S	Incomplete lesion of L5 level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.129	Incomplete lesion of unspecified level of lumbar spinal cord	Diagnosis	ICD-10-CM
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.129D	Incomplete lesion of unspecified level of lumbar spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.129S	Incomplete lesion of unspecified level of lumbar spinal cord, sequela	Diagnosis	ICD-10-CM
S34.13	Other and unspecified injury to sacral spinal cord	Diagnosis	ICD-10-CM
S34.131	Complete lesion of sacral spinal cord	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131D	Complete lesion of sacral spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.131S	Complete lesion of sacral spinal cord, sequela	Diagnosis	ICD-10-CM
S34.132	Incomplete lesion of sacral spinal cord	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132D	Incomplete lesion of sacral spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.132S	Incomplete lesion of sacral spinal cord, sequela	Diagnosis	ICD-10-CM
S34.139	Unspecified injury to sacral spinal cord	Diagnosis	ICD-10-CM
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.139D	Unspecified injury to sacral spinal cord, subsequent encounter	Diagnosis	ICD-10-CM
S34.139S	Unspecified injury to sacral spinal cord, sequela	Diagnosis	ICD-10-CM
S34.2	Injury of nerve root of lumbar and sacral spine	Diagnosis	ICD-10-CM
S34.21	Injury of nerve root of lumbar spine	Diagnosis	ICD-10-CM
S34.21XA	Injury of nerve root of lumbar spine, initial encounter	Diagnosis	ICD-10-CM
S34.21XD	Injury of nerve root of lumbar spine, subsequent encounter	Diagnosis	ICD-10-CM
S34.21XS	Injury of nerve root of lumbar spine, sequela	Diagnosis	ICD-10-CM
S34.22	Injury of nerve root of sacral spine	Diagnosis	ICD-10-CM
S34.22XA	Injury of nerve root of sacral spine, initial encounter	Diagnosis	ICD-10-CM
S34.22XD	Injury of nerve root of sacral spine, subsequent encounter	Diagnosis	ICD-10-CM
S34.22XS	Injury of nerve root of sacral spine, sequela	Diagnosis	ICD-10-CM
S34.3	Injury of cauda equina	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	Diagnosis	ICD-10-CM
S34.3XXD	Injury of cauda equina, subsequent encounter	Diagnosis	ICD-10-CM
S34.3XXS	Injury of cauda equina, sequela	Diagnosis	ICD-10-CM
S34.4	Injury of lumbosacral plexus	Diagnosis	ICD-10-CM
S34.4XXA	Injury of lumbosacral plexus, initial encounter	Diagnosis	ICD-10-CM
S34.4XXD	Injury of lumbosacral plexus, subsequent encounter	Diagnosis	ICD-10-CM
S34.4XXS	Injury of lumbosacral plexus, sequela	Diagnosis	ICD-10-CM
S34.5	Injury of lumbar, sacral and pelvic sympathetic nerves	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S34.5XXA	Injury of lumbar, sacral and pelvic sympathetic nerves, initial encounter	Diagnosis	ICD-10-CM
S34.5XXD	Injury of lumbar, sacral and pelvic sympathetic nerves, subsequent encounter	Diagnosis	ICD-10-CM
S34.5XXS	Injury of lumbar, sacral and pelvic sympathetic nerves, sequela	Diagnosis	ICD-10-CM
S34.6	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S34.6XXA	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S34.6XXD	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S34.6XXS	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S34.8	Injury of other nerves at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S34.8XXA	Injury of other nerves at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S34.8XXD	Injury of other nerves at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S34.8XXS	Injury of other nerves at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S34.9	Injury of unspecified nerves at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S34.9XXA	Injury of unspecified nerves at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S34.9XXD	Injury of unspecified nerves at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S34.9XXS	Injury of unspecified nerves at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S35	Injury of blood vessels at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.0	Injury of abdominal aorta	Diagnosis	ICD-10-CM
S35.00	Unspecified injury of abdominal aorta	Diagnosis	ICD-10-CM
S35.00XA	Unspecified injury of abdominal aorta, initial encounter	Diagnosis	ICD-10-CM
S35.00XD	Unspecified injury of abdominal aorta, subsequent encounter	Diagnosis	ICD-10-CM
S35.00XS	Unspecified injury of abdominal aorta, sequela	Diagnosis	ICD-10-CM
S35.01	Minor laceration of abdominal aorta	Diagnosis	ICD-10-CM
S35.01XA	Minor laceration of abdominal aorta, initial encounter	Diagnosis	ICD-10-CM
S35.01XD	Minor laceration of abdominal aorta, subsequent encounter	Diagnosis	ICD-10-CM
S35.01XS	Minor laceration of abdominal aorta, sequela	Diagnosis	ICD-10-CM
S35.02	Major laceration of abdominal aorta	Diagnosis	ICD-10-CM
S35.02XA	Major laceration of abdominal aorta, initial encounter	Diagnosis	ICD-10-CM
S35.02XD	Major laceration of abdominal aorta, subsequent encounter	Diagnosis	ICD-10-CM
S35.02XS	Major laceration of abdominal aorta, sequela	Diagnosis	ICD-10-CM
S35.09	Other injury of abdominal aorta	Diagnosis	ICD-10-CM
S35.09XA	Other injury of abdominal aorta, initial encounter	Diagnosis	ICD-10-CM
S35.09XD	Other injury of abdominal aorta, subsequent encounter	Diagnosis	ICD-10-CM
S35.09XS	Other injury of abdominal aorta, sequela	Diagnosis	ICD-10-CM
S35.1	Injury of inferior vena cava	Diagnosis	ICD-10-CM
S35.10	Unspecified injury of inferior vena cava	Diagnosis	ICD-10-CM
S35.10XA	Unspecified injury of inferior vena cava, initial encounter	Diagnosis	ICD-10-CM
S35.10XD	Unspecified injury of inferior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S35.10XS	Unspecified injury of inferior vena cava, sequela	Diagnosis	ICD-10-CM
S35.11	Minor laceration of inferior vena cava	Diagnosis	ICD-10-CM
S35.11XA	Minor laceration of inferior vena cava, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.11XD	Minor laceration of inferior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S35.11XS	Minor laceration of inferior vena cava, sequela	Diagnosis	ICD-10-CM
S35.12	Major laceration of inferior vena cava	Diagnosis	ICD-10-CM
S35.12XA	Major laceration of inferior vena cava, initial encounter	Diagnosis	ICD-10-CM
S35.12XD	Major laceration of inferior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S35.12XS	Major laceration of inferior vena cava, sequela	Diagnosis	ICD-10-CM
S35.19	Other injury of inferior vena cava	Diagnosis	ICD-10-CM
S35.19XA	Other injury of inferior vena cava, initial encounter	Diagnosis	ICD-10-CM
S35.19XD	Other injury of inferior vena cava, subsequent encounter	Diagnosis	ICD-10-CM
S35.19XS	Other injury of inferior vena cava, sequela	Diagnosis	ICD-10-CM
S35.2	Injury of celiac or mesenteric artery and branches	Diagnosis	ICD-10-CM
S35.21	Injury of celiac artery	Diagnosis	ICD-10-CM
S35.211	Minor laceration of celiac artery	Diagnosis	ICD-10-CM
S35.211A	Minor laceration of celiac artery, initial encounter	Diagnosis	ICD-10-CM
S35.211D	Minor laceration of celiac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.211S	Minor laceration of celiac artery, sequela	Diagnosis	ICD-10-CM
S35.212	Major laceration of celiac artery	Diagnosis	ICD-10-CM
S35.212A	Major laceration of celiac artery, initial encounter	Diagnosis	ICD-10-CM
S35.212D	Major laceration of celiac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.212S	Major laceration of celiac artery, sequela	Diagnosis	ICD-10-CM
S35.218	Other injury of celiac artery	Diagnosis	ICD-10-CM
S35.218A	Other injury of celiac artery, initial encounter	Diagnosis	ICD-10-CM
S35.218D	Other injury of celiac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.218S	Other injury of celiac artery, sequela	Diagnosis	ICD-10-CM
S35.219	Unspecified injury of celiac artery	Diagnosis	ICD-10-CM
S35.219A	Unspecified injury of celiac artery, initial encounter	Diagnosis	ICD-10-CM
S35.219D	Unspecified injury of celiac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.219S	Unspecified injury of celiac artery, sequela	Diagnosis	ICD-10-CM
S35.22	Injury of superior mesenteric artery	Diagnosis	ICD-10-CM
S35.221	Minor laceration of superior mesenteric artery	Diagnosis	ICD-10-CM
S35.221A	Minor laceration of superior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.221D	Minor laceration of superior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.221S	Minor laceration of superior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.222	Major laceration of superior mesenteric artery	Diagnosis	ICD-10-CM
S35.222A	Major laceration of superior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.222D	Major laceration of superior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.222S	Major laceration of superior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.228	Other injury of superior mesenteric artery	Diagnosis	ICD-10-CM
S35.228A	Other injury of superior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.228D	Other injury of superior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.228S	Other injury of superior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.229	Unspecified injury of superior mesenteric artery	Diagnosis	ICD-10-CM
S35.229A	Unspecified injury of superior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.229D	Unspecified injury of superior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.229S	Unspecified injury of superior mesenteric artery, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.23	Injury of inferior mesenteric artery	Diagnosis	ICD-10-CM
S35.231	Minor laceration of inferior mesenteric artery	Diagnosis	ICD-10-CM
S35.231A	Minor laceration of inferior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.231D	Minor laceration of inferior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.231S	Minor laceration of inferior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.232	Major laceration of inferior mesenteric artery	Diagnosis	ICD-10-CM
S35.232A	Major laceration of inferior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.232D	Major laceration of inferior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.232S	Major laceration of inferior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.238	Other injury of inferior mesenteric artery	Diagnosis	ICD-10-CM
S35.238A	Other injury of inferior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.238D	Other injury of inferior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.238S	Other injury of inferior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.239	Unspecified injury of inferior mesenteric artery	Diagnosis	ICD-10-CM
S35.239A	Unspecified injury of inferior mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.239D	Unspecified injury of inferior mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.239S	Unspecified injury of inferior mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.29	Injury of branches of celiac and mesenteric artery	Diagnosis	ICD-10-CM
S35.291	Minor laceration of branches of celiac and mesenteric artery	Diagnosis	ICD-10-CM
S35.291A	Minor laceration of branches of celiac and mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.291D	Minor laceration of branches of celiac and mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.291S	Minor laceration of branches of celiac and mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.292	Major laceration of branches of celiac and mesenteric artery	Diagnosis	ICD-10-CM
S35.292A	Major laceration of branches of celiac and mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.292D	Major laceration of branches of celiac and mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.292S	Major laceration of branches of celiac and mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.298	Other injury of branches of celiac and mesenteric artery	Diagnosis	ICD-10-CM
S35.298A	Other injury of branches of celiac and mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.298D	Other injury of branches of celiac and mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.298S	Other injury of branches of celiac and mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.299	Unspecified injury of branches of celiac and mesenteric artery	Diagnosis	ICD-10-CM
S35.299A	Unspecified injury of branches of celiac and mesenteric artery, initial encounter	Diagnosis	ICD-10-CM
S35.299D	Unspecified injury of branches of celiac and mesenteric artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.299S	Unspecified injury of branches of celiac and mesenteric artery, sequela	Diagnosis	ICD-10-CM
S35.3	Injury of portal or splenic vein and branches	Diagnosis	ICD-10-CM
S35.31	Injury of portal vein	Diagnosis	ICD-10-CM
S35.311	Laceration of portal vein	Diagnosis	ICD-10-CM
S35.311A	Laceration of portal vein, initial encounter	Diagnosis	ICD-10-CM
S35.311D	Laceration of portal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.311S	Laceration of portal vein, sequela	Diagnosis	ICD-10-CM
S35.318	Other specified injury of portal vein	Diagnosis	ICD-10-CM
S35.318A	Other specified injury of portal vein, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.318D	Other specified injury of portal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.318S	Other specified injury of portal vein, sequela	Diagnosis	ICD-10-CM
S35.319	Unspecified injury of portal vein	Diagnosis	ICD-10-CM
S35.319A	Unspecified injury of portal vein, initial encounter	Diagnosis	ICD-10-CM
S35.319D	Unspecified injury of portal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.319S	Unspecified injury of portal vein, sequela	Diagnosis	ICD-10-CM
S35.32	Injury of splenic vein	Diagnosis	ICD-10-CM
S35.321	Laceration of splenic vein	Diagnosis	ICD-10-CM
S35.321A	Laceration of splenic vein, initial encounter	Diagnosis	ICD-10-CM
S35.321D	Laceration of splenic vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.321S	Laceration of splenic vein, sequela	Diagnosis	ICD-10-CM
S35.328	Other specified injury of splenic vein	Diagnosis	ICD-10-CM
S35.328A	Other specified injury of splenic vein, initial encounter	Diagnosis	ICD-10-CM
S35.328D	Other specified injury of splenic vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.328S	Other specified injury of splenic vein, sequela	Diagnosis	ICD-10-CM
S35.329	Unspecified injury of splenic vein	Diagnosis	ICD-10-CM
S35.329A	Unspecified injury of splenic vein, initial encounter	Diagnosis	ICD-10-CM
S35.329D	Unspecified injury of splenic vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.329S	Unspecified injury of splenic vein, sequela	Diagnosis	ICD-10-CM
S35.33	Injury of superior mesenteric vein	Diagnosis	ICD-10-CM
S35.331	Laceration of superior mesenteric vein	Diagnosis	ICD-10-CM
S35.331A	Laceration of superior mesenteric vein, initial encounter	Diagnosis	ICD-10-CM
S35.331D	Laceration of superior mesenteric vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.331S	Laceration of superior mesenteric vein, sequela	Diagnosis	ICD-10-CM
S35.338	Other specified injury of superior mesenteric vein	Diagnosis	ICD-10-CM
S35.338A	Other specified injury of superior mesenteric vein, initial encounter	Diagnosis	ICD-10-CM
S35.338D	Other specified injury of superior mesenteric vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.338S	Other specified injury of superior mesenteric vein, sequela	Diagnosis	ICD-10-CM
S35.339	Unspecified injury of superior mesenteric vein	Diagnosis	ICD-10-CM
S35.339A	Unspecified injury of superior mesenteric vein, initial encounter	Diagnosis	ICD-10-CM
S35.339D	Unspecified injury of superior mesenteric vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.339S	Unspecified injury of superior mesenteric vein, sequela	Diagnosis	ICD-10-CM
S35.34	Injury of inferior mesenteric vein	Diagnosis	ICD-10-CM
S35.341	Laceration of inferior mesenteric vein	Diagnosis	ICD-10-CM
S35.341A	Laceration of inferior mesenteric vein, initial encounter	Diagnosis	ICD-10-CM
S35.341D	Laceration of inferior mesenteric vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.341S	Laceration of inferior mesenteric vein, sequela	Diagnosis	ICD-10-CM
S35.348	Other specified injury of inferior mesenteric vein	Diagnosis	ICD-10-CM
S35.348A	Other specified injury of inferior mesenteric vein, initial encounter	Diagnosis	ICD-10-CM
S35.348D	Other specified injury of inferior mesenteric vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.348S	Other specified injury of inferior mesenteric vein, sequela	Diagnosis	ICD-10-CM
S35.349	Unspecified injury of inferior mesenteric vein	Diagnosis	ICD-10-CM
S35.349A	Unspecified injury of inferior mesenteric vein, initial encounter	Diagnosis	ICD-10-CM
S35.349D	Unspecified injury of inferior mesenteric vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.349S	Unspecified injury of inferior mesenteric vein, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S35.4	Injury of renal blood vessels	Diagnosis	ICD-10-CM
S35.40	Unspecified injury of renal blood vessel	Diagnosis	ICD-10-CM
S35.401	Unspecified injury of right renal artery	Diagnosis	ICD-10-CM
S35.401A	Unspecified injury of right renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.401D	Unspecified injury of right renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.401S	Unspecified injury of right renal artery, sequela	Diagnosis	ICD-10-CM
S35.402	Unspecified injury of left renal artery	Diagnosis	ICD-10-CM
S35.402A	Unspecified injury of left renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.402D	Unspecified injury of left renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.402S	Unspecified injury of left renal artery, sequela	Diagnosis	ICD-10-CM
S35.403	Unspecified injury of unspecified renal artery	Diagnosis	ICD-10-CM
S35.403A	Unspecified injury of unspecified renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.403D	Unspecified injury of unspecified renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.403S	Unspecified injury of unspecified renal artery, sequela	Diagnosis	ICD-10-CM
S35.404	Unspecified injury of right renal vein	Diagnosis	ICD-10-CM
S35.404A	Unspecified injury of right renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.404D	Unspecified injury of right renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.404S	Unspecified injury of right renal vein, sequela	Diagnosis	ICD-10-CM
S35.405	Unspecified injury of left renal vein	Diagnosis	ICD-10-CM
S35.405A	Unspecified injury of left renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.405D	Unspecified injury of left renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.405S	Unspecified injury of left renal vein, sequela	Diagnosis	ICD-10-CM
S35.406	Unspecified injury of unspecified renal vein	Diagnosis	ICD-10-CM
S35.406A	Unspecified injury of unspecified renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.406D	Unspecified injury of unspecified renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.406S	Unspecified injury of unspecified renal vein, sequela	Diagnosis	ICD-10-CM
S35.41	Laceration of renal blood vessel	Diagnosis	ICD-10-CM
S35.411	Laceration of right renal artery	Diagnosis	ICD-10-CM
S35.411A	Laceration of right renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.411D	Laceration of right renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.411S	Laceration of right renal artery, sequela	Diagnosis	ICD-10-CM
S35.412	Laceration of left renal artery	Diagnosis	ICD-10-CM
S35.412A	Laceration of left renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.412D	Laceration of left renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.412S	Laceration of left renal artery, sequela	Diagnosis	ICD-10-CM
S35.413	Laceration of unspecified renal artery	Diagnosis	ICD-10-CM
S35.413A	Laceration of unspecified renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.413D	Laceration of unspecified renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.413S	Laceration of unspecified renal artery, sequela	Diagnosis	ICD-10-CM
S35.414	Laceration of right renal vein	Diagnosis	ICD-10-CM
S35.414A	Laceration of right renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.414D	Laceration of right renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.414S	Laceration of right renal vein, sequela	Diagnosis	ICD-10-CM
S35.415	Laceration of left renal vein	Diagnosis	ICD-10-CM
S35.415A	Laceration of left renal vein, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.415D	Laceration of left renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.415S	Laceration of left renal vein, sequela	Diagnosis	ICD-10-CM
S35.416	Laceration of unspecified renal vein	Diagnosis	ICD-10-CM
S35.416A	Laceration of unspecified renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.416D	Laceration of unspecified renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.416S	Laceration of unspecified renal vein, sequela	Diagnosis	ICD-10-CM
S35.49	Other specified injury of renal blood vessel	Diagnosis	ICD-10-CM
S35.491	Other specified injury of right renal artery	Diagnosis	ICD-10-CM
S35.491A	Other specified injury of right renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.491D	Other specified injury of right renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.491S	Other specified injury of right renal artery, sequela	Diagnosis	ICD-10-CM
S35.492	Other specified injury of left renal artery	Diagnosis	ICD-10-CM
S35.492A	Other specified injury of left renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.492D	Other specified injury of left renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.492S	Other specified injury of left renal artery, sequela	Diagnosis	ICD-10-CM
S35.493	Other specified injury of unspecified renal artery	Diagnosis	ICD-10-CM
S35.493A	Other specified injury of unspecified renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.493D	Other specified injury of unspecified renal artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.493S	Other specified injury of unspecified renal artery, sequela	Diagnosis	ICD-10-CM
S35.494	Other specified injury of right renal vein	Diagnosis	ICD-10-CM
S35.494A	Other specified injury of right renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.494D	Other specified injury of right renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.494S	Other specified injury of right renal vein, sequela	Diagnosis	ICD-10-CM
S35.495	Other specified injury of left renal vein	Diagnosis	ICD-10-CM
S35.495A	Other specified injury of left renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.495D	Other specified injury of left renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.495S	Other specified injury of left renal vein, sequela	Diagnosis	ICD-10-CM
S35.496	Other specified injury of unspecified renal vein	Diagnosis	ICD-10-CM
S35.496A	Other specified injury of unspecified renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.496D	Other specified injury of unspecified renal vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.496S	Other specified injury of unspecified renal vein, sequela	Diagnosis	ICD-10-CM
S35.5	Injury of iliac blood vessels	Diagnosis	ICD-10-CM
S35.50	Injury of unspecified iliac blood vessel(s)	Diagnosis	ICD-10-CM
S35.50XA	Injury of unspecified iliac blood vessel(s), initial encounter	Diagnosis	ICD-10-CM
S35.50XD	Injury of unspecified iliac blood vessel(s), subsequent encounter	Diagnosis	ICD-10-CM
S35.50XS	Injury of unspecified iliac blood vessel(s), sequela	Diagnosis	ICD-10-CM
S35.51	Injury of iliac artery or vein	Diagnosis	ICD-10-CM
S35.511	Injury of right iliac artery	Diagnosis	ICD-10-CM
S35.511A	Injury of right iliac artery, initial encounter	Diagnosis	ICD-10-CM
S35.511D	Injury of right iliac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.511S	Injury of right iliac artery, sequela	Diagnosis	ICD-10-CM
S35.512	Injury of left iliac artery	Diagnosis	ICD-10-CM
S35.512A	Injury of left iliac artery, initial encounter	Diagnosis	ICD-10-CM
S35.512D	Injury of left iliac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.512S	Injury of left iliac artery, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.513	Injury of unspecified iliac artery	Diagnosis	ICD-10-CM
S35.513A	Injury of unspecified iliac artery, initial encounter	Diagnosis	ICD-10-CM
S35.513D	Injury of unspecified iliac artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.513S	Injury of unspecified iliac artery, sequela	Diagnosis	ICD-10-CM
S35.514	Injury of right iliac vein	Diagnosis	ICD-10-CM
S35.514A	Injury of right iliac vein, initial encounter	Diagnosis	ICD-10-CM
S35.514D	Injury of right iliac vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.514S	Injury of right iliac vein, sequela	Diagnosis	ICD-10-CM
S35.515	Injury of left iliac vein	Diagnosis	ICD-10-CM
S35.515A	Injury of left iliac vein, initial encounter	Diagnosis	ICD-10-CM
S35.515D	Injury of left iliac vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.515S	Injury of left iliac vein, sequela	Diagnosis	ICD-10-CM
S35.516	Injury of unspecified iliac vein	Diagnosis	ICD-10-CM
S35.516A	Injury of unspecified iliac vein, initial encounter	Diagnosis	ICD-10-CM
S35.516D	Injury of unspecified iliac vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.516S	Injury of unspecified iliac vein, sequela	Diagnosis	ICD-10-CM
S35.53	Injury of uterine artery or vein	Diagnosis	ICD-10-CM
S35.531	Injury of right uterine artery	Diagnosis	ICD-10-CM
S35.531A	Injury of right uterine artery, initial encounter	Diagnosis	ICD-10-CM
S35.531D	Injury of right uterine artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.531S	Injury of right uterine artery, sequela	Diagnosis	ICD-10-CM
S35.532	Injury of left uterine artery	Diagnosis	ICD-10-CM
S35.532A	Injury of left uterine artery, initial encounter	Diagnosis	ICD-10-CM
S35.532D	Injury of left uterine artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.532S	Injury of left uterine artery, sequela	Diagnosis	ICD-10-CM
S35.533	Injury of unspecified uterine artery	Diagnosis	ICD-10-CM
S35.533A	Injury of unspecified uterine artery, initial encounter	Diagnosis	ICD-10-CM
S35.533D	Injury of unspecified uterine artery, subsequent encounter	Diagnosis	ICD-10-CM
S35.533S	Injury of unspecified uterine artery, sequela	Diagnosis	ICD-10-CM
S35.534	Injury of right uterine vein	Diagnosis	ICD-10-CM
S35.534A	Injury of right uterine vein, initial encounter	Diagnosis	ICD-10-CM
S35.534D	Injury of right uterine vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.534S	Injury of right uterine vein, sequela	Diagnosis	ICD-10-CM
S35.535	Injury of left uterine vein	Diagnosis	ICD-10-CM
S35.535A	Injury of left uterine vein, initial encounter	Diagnosis	ICD-10-CM
S35.535D	Injury of left uterine vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.535S	Injury of left uterine vein, sequela	Diagnosis	ICD-10-CM
S35.536	Injury of unspecified uterine vein	Diagnosis	ICD-10-CM
S35.536A	Injury of unspecified uterine vein, initial encounter	Diagnosis	ICD-10-CM
S35.536D	Injury of unspecified uterine vein, subsequent encounter	Diagnosis	ICD-10-CM
S35.536S	Injury of unspecified uterine vein, sequela	Diagnosis	ICD-10-CM
S35.59	Injury of other iliac blood vessels	Diagnosis	ICD-10-CM
S35.59XA	Injury of other iliac blood vessels, initial encounter	Diagnosis	ICD-10-CM
S35.59XD	Injury of other iliac blood vessels, subsequent encounter	Diagnosis	ICD-10-CM
S35.59XS	Injury of other iliac blood vessels, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.8	Injury of other blood vessels at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.8X	Injury of other blood vessels at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.8X1	Laceration of other blood vessels at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.8X1A	Laceration of other blood vessels at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S35.8X1D	Laceration of other blood vessels at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S35.8X1S	Laceration of other blood vessels at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S35.8X8	Other specified injury of other blood vessels at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.8X8A	Other specified injury of other blood vessels at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S35.8X8D	Other specified injury of other blood vessels at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S35.8X8S	Other specified injury of other blood vessels at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S35.8X9	Unspecified injury of other blood vessels at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.8X9A	Unspecified injury of other blood vessels at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S35.8X9D	Unspecified injury of other blood vessels at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S35.8X9S	Unspecified injury of other blood vessels at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S35.9	Injury of unspecified blood vessel at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.90	Unspecified injury of unspecified blood vessel at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.90XA	Unspecified injury of unspecified blood vessel at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S35.90XD	Unspecified injury of unspecified blood vessel at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S35.90XS	Unspecified injury of unspecified blood vessel at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S35.91	Laceration of unspecified blood vessel at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.91XA	Laceration of unspecified blood vessel at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S35.91XD	Laceration of unspecified blood vessel at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S35.91XS	Laceration of unspecified blood vessel at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S35.99	Other specified injury of unspecified blood vessel at abdomen, lower back and pelvis level	Diagnosis	ICD-10-CM
S35.99XA	Other specified injury of unspecified blood vessel at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S35.99XD	Other specified injury of unspecified blood vessel at abdomen, lower back and pelvis level, subsequent encounter	Diagnosis	ICD-10-CM
S35.99XS	Other specified injury of unspecified blood vessel at abdomen, lower back and pelvis level, sequela	Diagnosis	ICD-10-CM
S36	Injury of intra-abdominal organs	Diagnosis	ICD-10-CM
S36.0	Injury of spleen	Diagnosis	ICD-10-CM
S36.00	Unspecified injury of spleen	Diagnosis	ICD-10-CM
S36.00XA	Unspecified injury of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.00XD	Unspecified injury of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.00XS	Unspecified injury of spleen, sequela	Diagnosis	ICD-10-CM
S36.02	Contusion of spleen	Diagnosis	ICD-10-CM
S36.020	Minor contusion of spleen	Diagnosis	ICD-10-CM
S36.020A	Minor contusion of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.020D	Minor contusion of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.020S	Minor contusion of spleen, sequela	Diagnosis	ICD-10-CM
S36.021	Major contusion of spleen	Diagnosis	ICD-10-CM
S36.021A	Major contusion of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.021D	Major contusion of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.021S	Major contusion of spleen, sequela	Diagnosis	ICD-10-CM
S36.029	Unspecified contusion of spleen	Diagnosis	ICD-10-CM
S36.029A	Unspecified contusion of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.029D	Unspecified contusion of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.029S	Unspecified contusion of spleen, sequela	Diagnosis	ICD-10-CM
S36.03	Laceration of spleen	Diagnosis	ICD-10-CM
S36.030	Superficial (capsular) laceration of spleen	Diagnosis	ICD-10-CM
S36.030A	Superficial (capsular) laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.030D	Superficial (capsular) laceration of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.030S	Superficial (capsular) laceration of spleen, sequela	Diagnosis	ICD-10-CM
S36.031	Moderate laceration of spleen	Diagnosis	ICD-10-CM
S36.031A	Moderate laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.031D	Moderate laceration of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.031S	Moderate laceration of spleen, sequela	Diagnosis	ICD-10-CM
S36.032	Major laceration of spleen	Diagnosis	ICD-10-CM
S36.032A	Major laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.032D	Major laceration of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.032S	Major laceration of spleen, sequela	Diagnosis	ICD-10-CM
S36.039	Unspecified laceration of spleen	Diagnosis	ICD-10-CM
S36.039A	Unspecified laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.039D	Unspecified laceration of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.039S	Unspecified laceration of spleen, sequela	Diagnosis	ICD-10-CM
S36.09	Other injury of spleen	Diagnosis	ICD-10-CM
S36.09XA	Other injury of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.09XD	Other injury of spleen, subsequent encounter	Diagnosis	ICD-10-CM
S36.09XS	Other injury of spleen, sequela	Diagnosis	ICD-10-CM
S36.1	Injury of liver and gallbladder and bile duct	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.11	Injury of liver	Diagnosis	ICD-10-CM
S36.112	Contusion of liver	Diagnosis	ICD-10-CM
S36.112A	Contusion of liver, initial encounter	Diagnosis	ICD-10-CM
S36.112D	Contusion of liver, subsequent encounter	Diagnosis	ICD-10-CM
S36.112S	Contusion of liver, sequela	Diagnosis	ICD-10-CM
S36.113	Laceration of liver, unspecified degree	Diagnosis	ICD-10-CM
S36.113A	Laceration of liver, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.113D	Laceration of liver, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S36.113S	Laceration of liver, unspecified degree, sequela	Diagnosis	ICD-10-CM
S36.114	Minor laceration of liver	Diagnosis	ICD-10-CM
S36.114A	Minor laceration of liver, initial encounter	Diagnosis	ICD-10-CM
S36.114D	Minor laceration of liver, subsequent encounter	Diagnosis	ICD-10-CM
S36.114S	Minor laceration of liver, sequela	Diagnosis	ICD-10-CM
S36.115	Moderate laceration of liver	Diagnosis	ICD-10-CM
S36.115A	Moderate laceration of liver, initial encounter	Diagnosis	ICD-10-CM
S36.115D	Moderate laceration of liver, subsequent encounter	Diagnosis	ICD-10-CM
S36.115S	Moderate laceration of liver, sequela	Diagnosis	ICD-10-CM
S36.116	Major laceration of liver	Diagnosis	ICD-10-CM
S36.116A	Major laceration of liver, initial encounter	Diagnosis	ICD-10-CM
S36.116D	Major laceration of liver, subsequent encounter	Diagnosis	ICD-10-CM
S36.116S	Major laceration of liver, sequela	Diagnosis	ICD-10-CM
S36.118	Other injury of liver	Diagnosis	ICD-10-CM
S36.118A	Other injury of liver, initial encounter	Diagnosis	ICD-10-CM
S36.118D	Other injury of liver, subsequent encounter	Diagnosis	ICD-10-CM
S36.118S	Other injury of liver, sequela	Diagnosis	ICD-10-CM
S36.119	Unspecified injury of liver	Diagnosis	ICD-10-CM
S36.119A	Unspecified injury of liver, initial encounter	Diagnosis	ICD-10-CM
S36.119D	Unspecified injury of liver, subsequent encounter	Diagnosis	ICD-10-CM
S36.119S	Unspecified injury of liver, sequela	Diagnosis	ICD-10-CM
S36.12	Injury of gallbladder	Diagnosis	ICD-10-CM
S36.122	Contusion of gallbladder	Diagnosis	ICD-10-CM
S36.122A	Contusion of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.122D	Contusion of gallbladder, subsequent encounter	Diagnosis	ICD-10-CM
S36.122S	Contusion of gallbladder, sequela	Diagnosis	ICD-10-CM
S36.123	Laceration of gallbladder	Diagnosis	ICD-10-CM
S36.123A	Laceration of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.123D	Laceration of gallbladder, subsequent encounter	Diagnosis	ICD-10-CM
S36.123S	Laceration of gallbladder, sequela	Diagnosis	ICD-10-CM
S36.128	Other injury of gallbladder	Diagnosis	ICD-10-CM
S36.128A	Other injury of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.128D	Other injury of gallbladder, subsequent encounter	Diagnosis	ICD-10-CM
S36.128S	Other injury of gallbladder, sequela	Diagnosis	ICD-10-CM
S36.129	Unspecified injury of gallbladder	Diagnosis	ICD-10-CM
S36.129A	Unspecified injury of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.129D	Unspecified injury of gallbladder, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.129S	Unspecified injury of gallbladder, sequela	Diagnosis	ICD-10-CM
S36.13	Injury of bile duct	Diagnosis	ICD-10-CM
S36.13XA	Injury of bile duct, initial encounter	Diagnosis	ICD-10-CM
S36.13XD	Injury of bile duct, subsequent encounter	Diagnosis	ICD-10-CM
S36.13XS	Injury of bile duct, sequela	Diagnosis	ICD-10-CM
S36.2	Injury of pancreas	Diagnosis	ICD-10-CM
S36.20	Unspecified injury of pancreas	Diagnosis	ICD-10-CM
S36.200	Unspecified injury of head of pancreas	Diagnosis	ICD-10-CM
S36.200A	Unspecified injury of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.200D	Unspecified injury of head of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.200S	Unspecified injury of head of pancreas, sequela	Diagnosis	ICD-10-CM
S36.201	Unspecified injury of body of pancreas	Diagnosis	ICD-10-CM
S36.201A	Unspecified injury of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.201D	Unspecified injury of body of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.201S	Unspecified injury of body of pancreas, sequela	Diagnosis	ICD-10-CM
S36.202	Unspecified injury of tail of pancreas	Diagnosis	ICD-10-CM
S36.202A	Unspecified injury of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.202D	Unspecified injury of tail of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.202S	Unspecified injury of tail of pancreas, sequela	Diagnosis	ICD-10-CM
S36.209	Unspecified injury of unspecified part of pancreas	Diagnosis	ICD-10-CM
S36.209A	Unspecified injury of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.209D	Unspecified injury of unspecified part of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.209S	Unspecified injury of unspecified part of pancreas, sequela	Diagnosis	ICD-10-CM
S36.22	Contusion of pancreas	Diagnosis	ICD-10-CM
S36.220	Contusion of head of pancreas	Diagnosis	ICD-10-CM
S36.220A	Contusion of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.220D	Contusion of head of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.220S	Contusion of head of pancreas, sequela	Diagnosis	ICD-10-CM
S36.221	Contusion of body of pancreas	Diagnosis	ICD-10-CM
S36.221A	Contusion of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.221D	Contusion of body of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.221S	Contusion of body of pancreas, sequela	Diagnosis	ICD-10-CM
S36.222	Contusion of tail of pancreas	Diagnosis	ICD-10-CM
S36.222A	Contusion of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.222D	Contusion of tail of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.222S	Contusion of tail of pancreas, sequela	Diagnosis	ICD-10-CM
S36.229	Contusion of unspecified part of pancreas	Diagnosis	ICD-10-CM
S36.229A	Contusion of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.229D	Contusion of unspecified part of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.229S	Contusion of unspecified part of pancreas, sequela	Diagnosis	ICD-10-CM
S36.23	Laceration of pancreas, unspecified degree	Diagnosis	ICD-10-CM
S36.230	Laceration of head of pancreas, unspecified degree	Diagnosis	ICD-10-CM
S36.230A	Laceration of head of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.230D	Laceration of head of pancreas, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S36.230S	Laceration of head of pancreas, unspecified degree, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S36.231	Laceration of body of pancreas, unspecified degree	Diagnosis	ICD-10-CM
S36.231A	Laceration of body of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.231D	Laceration of body of pancreas, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S36.231S	Laceration of body of pancreas, unspecified degree, sequela	Diagnosis	ICD-10-CM
S36.232	Laceration of tail of pancreas, unspecified degree	Diagnosis	ICD-10-CM
S36.232A	Laceration of tail of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.232D	Laceration of tail of pancreas, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S36.232S	Laceration of tail of pancreas, unspecified degree, sequela	Diagnosis	ICD-10-CM
S36.239	Laceration of unspecified part of pancreas, unspecified degree	Diagnosis	ICD-10-CM
S36.239A	Laceration of unspecified part of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.239D	Laceration of unspecified part of pancreas, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S36.239S	Laceration of unspecified part of pancreas, unspecified degree, sequela	Diagnosis	ICD-10-CM
S36.24	Minor laceration of pancreas	Diagnosis	ICD-10-CM
S36.240	Minor laceration of head of pancreas	Diagnosis	ICD-10-CM
S36.240A	Minor laceration of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.240D	Minor laceration of head of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.240S	Minor laceration of head of pancreas, sequela	Diagnosis	ICD-10-CM
S36.241	Minor laceration of body of pancreas	Diagnosis	ICD-10-CM
S36.241A	Minor laceration of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.241D	Minor laceration of body of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.241S	Minor laceration of body of pancreas, sequela	Diagnosis	ICD-10-CM
S36.242	Minor laceration of tail of pancreas	Diagnosis	ICD-10-CM
S36.242A	Minor laceration of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.242D	Minor laceration of tail of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.242S	Minor laceration of tail of pancreas, sequela	Diagnosis	ICD-10-CM
S36.249	Minor laceration of unspecified part of pancreas	Diagnosis	ICD-10-CM
S36.249A	Minor laceration of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.249D	Minor laceration of unspecified part of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.249S	Minor laceration of unspecified part of pancreas, sequela	Diagnosis	ICD-10-CM
S36.25	Moderate laceration of pancreas	Diagnosis	ICD-10-CM
S36.250	Moderate laceration of head of pancreas	Diagnosis	ICD-10-CM
S36.250A	Moderate laceration of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.250D	Moderate laceration of head of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.250S	Moderate laceration of head of pancreas, sequela	Diagnosis	ICD-10-CM
S36.251	Moderate laceration of body of pancreas	Diagnosis	ICD-10-CM
S36.251A	Moderate laceration of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.251D	Moderate laceration of body of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.251S	Moderate laceration of body of pancreas, sequela	Diagnosis	ICD-10-CM
S36.252	Moderate laceration of tail of pancreas	Diagnosis	ICD-10-CM
S36.252A	Moderate laceration of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.252D	Moderate laceration of tail of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.252S	Moderate laceration of tail of pancreas, sequela	Diagnosis	ICD-10-CM
S36.259	Moderate laceration of unspecified part of pancreas	Diagnosis	ICD-10-CM
S36.259A	Moderate laceration of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.259D	Moderate laceration of unspecified part of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.259S	Moderate laceration of unspecified part of pancreas, sequela	Diagnosis	ICD-10-CM
S36.26	Major laceration of pancreas	Diagnosis	ICD-10-CM
S36.260	Major laceration of head of pancreas	Diagnosis	ICD-10-CM
S36.260A	Major laceration of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.260D	Major laceration of head of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.260S	Major laceration of head of pancreas, sequela	Diagnosis	ICD-10-CM
S36.261	Major laceration of body of pancreas	Diagnosis	ICD-10-CM
S36.261A	Major laceration of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.261D	Major laceration of body of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.261S	Major laceration of body of pancreas, sequela	Diagnosis	ICD-10-CM
S36.262	Major laceration of tail of pancreas	Diagnosis	ICD-10-CM
S36.262A	Major laceration of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.262D	Major laceration of tail of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.262S	Major laceration of tail of pancreas, sequela	Diagnosis	ICD-10-CM
S36.269	Major laceration of unspecified part of pancreas	Diagnosis	ICD-10-CM
S36.269A	Major laceration of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.269D	Major laceration of unspecified part of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.269S	Major laceration of unspecified part of pancreas, sequela	Diagnosis	ICD-10-CM
S36.29	Other injury of pancreas	Diagnosis	ICD-10-CM
S36.290	Other injury of head of pancreas	Diagnosis	ICD-10-CM
S36.290A	Other injury of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.290D	Other injury of head of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.290S	Other injury of head of pancreas, sequela	Diagnosis	ICD-10-CM
S36.291	Other injury of body of pancreas	Diagnosis	ICD-10-CM
S36.291A	Other injury of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.291D	Other injury of body of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.291S	Other injury of body of pancreas, sequela	Diagnosis	ICD-10-CM
S36.292	Other injury of tail of pancreas	Diagnosis	ICD-10-CM
S36.292A	Other injury of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.292D	Other injury of tail of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.292S	Other injury of tail of pancreas, sequela	Diagnosis	ICD-10-CM
S36.299	Other injury of unspecified part of pancreas	Diagnosis	ICD-10-CM
S36.299A	Other injury of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.299D	Other injury of unspecified part of pancreas, subsequent encounter	Diagnosis	ICD-10-CM
S36.299S	Other injury of unspecified part of pancreas, sequela	Diagnosis	ICD-10-CM
S36.3	Injury of stomach	Diagnosis	ICD-10-CM
S36.30	Unspecified injury of stomach	Diagnosis	ICD-10-CM
S36.30XA	Unspecified injury of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.30XD	Unspecified injury of stomach, subsequent encounter	Diagnosis	ICD-10-CM
S36.30XS	Unspecified injury of stomach, sequela	Diagnosis	ICD-10-CM
S36.32	Contusion of stomach	Diagnosis	ICD-10-CM
S36.32XA	Contusion of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.32XD	Contusion of stomach, subsequent encounter	Diagnosis	ICD-10-CM
S36.32XS	Contusion of stomach, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.33	Laceration of stomach	Diagnosis	ICD-10-CM
S36.33XA	Laceration of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.33XD	Laceration of stomach, subsequent encounter	Diagnosis	ICD-10-CM
S36.33XS	Laceration of stomach, sequela	Diagnosis	ICD-10-CM
S36.39	Other injury of stomach	Diagnosis	ICD-10-CM
S36.39XA	Other injury of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.39XD	Other injury of stomach, subsequent encounter	Diagnosis	ICD-10-CM
S36.39XS	Other injury of stomach, sequela	Diagnosis	ICD-10-CM
S36.4	Injury of small intestine	Diagnosis	ICD-10-CM
S36.40	Unspecified injury of small intestine	Diagnosis	ICD-10-CM
S36.400	Unspecified injury of duodenum	Diagnosis	ICD-10-CM
S36.400A	Unspecified injury of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.400D	Unspecified injury of duodenum, subsequent encounter	Diagnosis	ICD-10-CM
S36.400S	Unspecified injury of duodenum, sequela	Diagnosis	ICD-10-CM
S36.408	Unspecified injury of other part of small intestine	Diagnosis	ICD-10-CM
S36.408A	Unspecified injury of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.408D	Unspecified injury of other part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.408S	Unspecified injury of other part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.409	Unspecified injury of unspecified part of small intestine	Diagnosis	ICD-10-CM
S36.409A	Unspecified injury of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.409D	Unspecified injury of unspecified part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.409S	Unspecified injury of unspecified part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.41	Primary blast injury of small intestine	Diagnosis	ICD-10-CM
S36.410	Primary blast injury of duodenum	Diagnosis	ICD-10-CM
S36.410A	Primary blast injury of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.410D	Primary blast injury of duodenum, subsequent encounter	Diagnosis	ICD-10-CM
S36.410S	Primary blast injury of duodenum, sequela	Diagnosis	ICD-10-CM
S36.418	Primary blast injury of other part of small intestine	Diagnosis	ICD-10-CM
S36.418A	Primary blast injury of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.418D	Primary blast injury of other part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.418S	Primary blast injury of other part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.419	Primary blast injury of unspecified part of small intestine	Diagnosis	ICD-10-CM
S36.419A	Primary blast injury of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.419D	Primary blast injury of unspecified part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.419S	Primary blast injury of unspecified part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.42	Contusion of small intestine	Diagnosis	ICD-10-CM
S36.420	Contusion of duodenum	Diagnosis	ICD-10-CM
S36.420A	Contusion of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.420D	Contusion of duodenum, subsequent encounter	Diagnosis	ICD-10-CM
S36.420S	Contusion of duodenum, sequela	Diagnosis	ICD-10-CM
S36.428	Contusion of other part of small intestine	Diagnosis	ICD-10-CM
S36.428A	Contusion of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.428D	Contusion of other part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.428S	Contusion of other part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.429	Contusion of unspecified part of small intestine	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.429A	Contusion of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.429D	Contusion of unspecified part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.429S	Contusion of unspecified part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.43	Laceration of small intestine	Diagnosis	ICD-10-CM
S36.430	Laceration of duodenum	Diagnosis	ICD-10-CM
S36.430A	Laceration of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.430D	Laceration of duodenum, subsequent encounter	Diagnosis	ICD-10-CM
S36.430S	Laceration of duodenum, sequela	Diagnosis	ICD-10-CM
S36.438	Laceration of other part of small intestine	Diagnosis	ICD-10-CM
S36.438A	Laceration of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.438D	Laceration of other part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.438S	Laceration of other part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.439	Laceration of unspecified part of small intestine	Diagnosis	ICD-10-CM
S36.439A	Laceration of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.439D	Laceration of unspecified part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.439S	Laceration of unspecified part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.49	Other injury of small intestine	Diagnosis	ICD-10-CM
S36.490	Other injury of duodenum	Diagnosis	ICD-10-CM
S36.490A	Other injury of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.490D	Other injury of duodenum, subsequent encounter	Diagnosis	ICD-10-CM
S36.490S	Other injury of duodenum, sequela	Diagnosis	ICD-10-CM
S36.498	Other injury of other part of small intestine	Diagnosis	ICD-10-CM
S36.498A	Other injury of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.498D	Other injury of other part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.498S	Other injury of other part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.499	Other injury of unspecified part of small intestine	Diagnosis	ICD-10-CM
S36.499A	Other injury of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.499D	Other injury of unspecified part of small intestine, subsequent encounter	Diagnosis	ICD-10-CM
S36.499S	Other injury of unspecified part of small intestine, sequela	Diagnosis	ICD-10-CM
S36.5	Injury of colon	Diagnosis	ICD-10-CM
S36.50	Unspecified injury of colon	Diagnosis	ICD-10-CM
S36.500	Unspecified injury of ascending [right] colon	Diagnosis	ICD-10-CM
S36.500A	Unspecified injury of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.500D	Unspecified injury of ascending [right] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.500S	Unspecified injury of ascending [right] colon, sequela	Diagnosis	ICD-10-CM
S36.501	Unspecified injury of transverse colon	Diagnosis	ICD-10-CM
S36.501A	Unspecified injury of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.501D	Unspecified injury of transverse colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.501S	Unspecified injury of transverse colon, sequela	Diagnosis	ICD-10-CM
S36.502	Unspecified injury of descending [left] colon	Diagnosis	ICD-10-CM
S36.502A	Unspecified injury of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.502D	Unspecified injury of descending [left] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.502S	Unspecified injury of descending [left] colon, sequela	Diagnosis	ICD-10-CM
S36.503	Unspecified injury of sigmoid colon	Diagnosis	ICD-10-CM
S36.503A	Unspecified injury of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.503D	Unspecified injury of sigmoid colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.503S	Unspecified injury of sigmoid colon, sequela	Diagnosis	ICD-10-CM
S36.508	Unspecified injury of other part of colon	Diagnosis	ICD-10-CM
S36.508A	Unspecified injury of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.508D	Unspecified injury of other part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.508S	Unspecified injury of other part of colon, sequela	Diagnosis	ICD-10-CM
S36.509	Unspecified injury of unspecified part of colon	Diagnosis	ICD-10-CM
S36.509A	Unspecified injury of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.509D	Unspecified injury of unspecified part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.509S	Unspecified injury of unspecified part of colon, sequela	Diagnosis	ICD-10-CM
S36.51	Primary blast injury of colon	Diagnosis	ICD-10-CM
S36.510	Primary blast injury of ascending [right] colon	Diagnosis	ICD-10-CM
S36.510A	Primary blast injury of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.510D	Primary blast injury of ascending [right] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.510S	Primary blast injury of ascending [right] colon, sequela	Diagnosis	ICD-10-CM
S36.511	Primary blast injury of transverse colon	Diagnosis	ICD-10-CM
S36.511A	Primary blast injury of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.511D	Primary blast injury of transverse colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.511S	Primary blast injury of transverse colon, sequela	Diagnosis	ICD-10-CM
S36.512	Primary blast injury of descending [left] colon	Diagnosis	ICD-10-CM
S36.512A	Primary blast injury of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.512D	Primary blast injury of descending [left] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.512S	Primary blast injury of descending [left] colon, sequela	Diagnosis	ICD-10-CM
S36.513	Primary blast injury of sigmoid colon	Diagnosis	ICD-10-CM
S36.513A	Primary blast injury of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.513D	Primary blast injury of sigmoid colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.513S	Primary blast injury of sigmoid colon, sequela	Diagnosis	ICD-10-CM
S36.518	Primary blast injury of other part of colon	Diagnosis	ICD-10-CM
S36.518A	Primary blast injury of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.518D	Primary blast injury of other part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.518S	Primary blast injury of other part of colon, sequela	Diagnosis	ICD-10-CM
S36.519	Primary blast injury of unspecified part of colon	Diagnosis	ICD-10-CM
S36.519A	Primary blast injury of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.519D	Primary blast injury of unspecified part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.519S	Primary blast injury of unspecified part of colon, sequela	Diagnosis	ICD-10-CM
S36.52	Contusion of colon	Diagnosis	ICD-10-CM
S36.520	Contusion of ascending [right] colon	Diagnosis	ICD-10-CM
S36.520A	Contusion of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.520D	Contusion of ascending [right] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.520S	Contusion of ascending [right] colon, sequela	Diagnosis	ICD-10-CM
S36.521	Contusion of transverse colon	Diagnosis	ICD-10-CM
S36.521A	Contusion of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.521D	Contusion of transverse colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.521S	Contusion of transverse colon, sequela	Diagnosis	ICD-10-CM
S36.522	Contusion of descending [left] colon	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.522A	Contusion of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.522D	Contusion of descending [left] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.522S	Contusion of descending [left] colon, sequela	Diagnosis	ICD-10-CM
S36.523	Contusion of sigmoid colon	Diagnosis	ICD-10-CM
S36.523A	Contusion of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.523D	Contusion of sigmoid colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.523S	Contusion of sigmoid colon, sequela	Diagnosis	ICD-10-CM
S36.528	Contusion of other part of colon	Diagnosis	ICD-10-CM
S36.528A	Contusion of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.528D	Contusion of other part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.528S	Contusion of other part of colon, sequela	Diagnosis	ICD-10-CM
S36.529	Contusion of unspecified part of colon	Diagnosis	ICD-10-CM
S36.529A	Contusion of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.529D	Contusion of unspecified part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.529S	Contusion of unspecified part of colon, sequela	Diagnosis	ICD-10-CM
S36.53	Laceration of colon	Diagnosis	ICD-10-CM
S36.530	Laceration of ascending [right] colon	Diagnosis	ICD-10-CM
S36.530A	Laceration of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.530D	Laceration of ascending [right] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.530S	Laceration of ascending [right] colon, sequela	Diagnosis	ICD-10-CM
S36.531	Laceration of transverse colon	Diagnosis	ICD-10-CM
S36.531A	Laceration of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.531D	Laceration of transverse colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.531S	Laceration of transverse colon, sequela	Diagnosis	ICD-10-CM
S36.532	Laceration of descending [left] colon	Diagnosis	ICD-10-CM
S36.532A	Laceration of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.532D	Laceration of descending [left] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.532S	Laceration of descending [left] colon, sequela	Diagnosis	ICD-10-CM
S36.533	Laceration of sigmoid colon	Diagnosis	ICD-10-CM
S36.533A	Laceration of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.533D	Laceration of sigmoid colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.533S	Laceration of sigmoid colon, sequela	Diagnosis	ICD-10-CM
S36.538	Laceration of other part of colon	Diagnosis	ICD-10-CM
S36.538A	Laceration of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.538D	Laceration of other part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.538S	Laceration of other part of colon, sequela	Diagnosis	ICD-10-CM
S36.539	Laceration of unspecified part of colon	Diagnosis	ICD-10-CM
S36.539A	Laceration of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.539D	Laceration of unspecified part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.539S	Laceration of unspecified part of colon, sequela	Diagnosis	ICD-10-CM
S36.59	Other injury of colon	Diagnosis	ICD-10-CM
S36.590	Other injury of ascending [right] colon	Diagnosis	ICD-10-CM
S36.590A	Other injury of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.590D	Other injury of ascending [right] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.590S	Other injury of ascending [right] colon, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.591	Other injury of transverse colon	Diagnosis	ICD-10-CM
S36.591A	Other injury of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.591D	Other injury of transverse colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.591S	Other injury of transverse colon, sequela	Diagnosis	ICD-10-CM
S36.592	Other injury of descending [left] colon	Diagnosis	ICD-10-CM
S36.592A	Other injury of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.592D	Other injury of descending [left] colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.592S	Other injury of descending [left] colon, sequela	Diagnosis	ICD-10-CM
S36.593	Other injury of sigmoid colon	Diagnosis	ICD-10-CM
S36.593A	Other injury of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.593D	Other injury of sigmoid colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.593S	Other injury of sigmoid colon, sequela	Diagnosis	ICD-10-CM
S36.598	Other injury of other part of colon	Diagnosis	ICD-10-CM
S36.598A	Other injury of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.598D	Other injury of other part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.598S	Other injury of other part of colon, sequela	Diagnosis	ICD-10-CM
S36.599	Other injury of unspecified part of colon	Diagnosis	ICD-10-CM
S36.599A	Other injury of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.599D	Other injury of unspecified part of colon, subsequent encounter	Diagnosis	ICD-10-CM
S36.599S	Other injury of unspecified part of colon, sequela	Diagnosis	ICD-10-CM
S36.6	Injury of rectum	Diagnosis	ICD-10-CM
S36.60	Unspecified injury of rectum	Diagnosis	ICD-10-CM
S36.60XA	Unspecified injury of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.60XD	Unspecified injury of rectum, subsequent encounter	Diagnosis	ICD-10-CM
S36.60XS	Unspecified injury of rectum, sequela	Diagnosis	ICD-10-CM
S36.61	Primary blast injury of rectum	Diagnosis	ICD-10-CM
S36.61XA	Primary blast injury of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.61XD	Primary blast injury of rectum, subsequent encounter	Diagnosis	ICD-10-CM
S36.61XS	Primary blast injury of rectum, sequela	Diagnosis	ICD-10-CM
S36.62	Contusion of rectum	Diagnosis	ICD-10-CM
S36.62XA	Contusion of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.62XD	Contusion of rectum, subsequent encounter	Diagnosis	ICD-10-CM
S36.62XS	Contusion of rectum, sequela	Diagnosis	ICD-10-CM
S36.63	Laceration of rectum	Diagnosis	ICD-10-CM
S36.63XA	Laceration of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.63XD	Laceration of rectum, subsequent encounter	Diagnosis	ICD-10-CM
S36.63XS	Laceration of rectum, sequela	Diagnosis	ICD-10-CM
S36.69	Other injury of rectum	Diagnosis	ICD-10-CM
S36.69XA	Other injury of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.69XD	Other injury of rectum, subsequent encounter	Diagnosis	ICD-10-CM
S36.69XS	Other injury of rectum, sequela	Diagnosis	ICD-10-CM
S36.8	Injury of other intra-abdominal organs	Diagnosis	ICD-10-CM
S36.81	Injury of peritoneum	Diagnosis	ICD-10-CM
S36.81XA	Injury of peritoneum, initial encounter	Diagnosis	ICD-10-CM
S36.81XD	Injury of peritoneum, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S36.81XS	Injury of peritoneum, sequela	Diagnosis	ICD-10-CM
S36.89	Injury of other intra-abdominal organs	Diagnosis	ICD-10-CM
S36.892	Contusion of other intra-abdominal organs	Diagnosis	ICD-10-CM
S36.892A	Contusion of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.892D	Contusion of other intra-abdominal organs, subsequent encounter	Diagnosis	ICD-10-CM
S36.892S	Contusion of other intra-abdominal organs, sequela	Diagnosis	ICD-10-CM
S36.893	Laceration of other intra-abdominal organs	Diagnosis	ICD-10-CM
S36.893A	Laceration of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.893D	Laceration of other intra-abdominal organs, subsequent encounter	Diagnosis	ICD-10-CM
S36.893S	Laceration of other intra-abdominal organs, sequela	Diagnosis	ICD-10-CM
S36.898	Other injury of other intra-abdominal organs	Diagnosis	ICD-10-CM
S36.898A	Other injury of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.898D	Other injury of other intra-abdominal organs, subsequent encounter	Diagnosis	ICD-10-CM
S36.898S	Other injury of other intra-abdominal organs, sequela	Diagnosis	ICD-10-CM
S36.899	Unspecified injury of other intra-abdominal organs	Diagnosis	ICD-10-CM
S36.899A	Unspecified injury of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.899D	Unspecified injury of other intra-abdominal organs, subsequent encounter	Diagnosis	ICD-10-CM
S36.899S	Unspecified injury of other intra-abdominal organs, sequela	Diagnosis	ICD-10-CM
S36.9	Injury of unspecified intra-abdominal organ	Diagnosis	ICD-10-CM
S36.90	Unspecified injury of unspecified intra-abdominal organ	Diagnosis	ICD-10-CM
S36.90XA	Unspecified injury of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.90XD	Unspecified injury of unspecified intra-abdominal organ, subsequent encounter	Diagnosis	ICD-10-CM
S36.90XS	Unspecified injury of unspecified intra-abdominal organ, sequela	Diagnosis	ICD-10-CM
S36.92	Contusion of unspecified intra-abdominal organ	Diagnosis	ICD-10-CM
S36.92XA	Contusion of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.92XD	Contusion of unspecified intra-abdominal organ, subsequent encounter	Diagnosis	ICD-10-CM
S36.92XS	Contusion of unspecified intra-abdominal organ, sequela	Diagnosis	ICD-10-CM
S36.93	Laceration of unspecified intra-abdominal organ	Diagnosis	ICD-10-CM
S36.93XA	Laceration of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.93XD	Laceration of unspecified intra-abdominal organ, subsequent encounter	Diagnosis	ICD-10-CM
S36.93XS	Laceration of unspecified intra-abdominal organ, sequela	Diagnosis	ICD-10-CM
S36.99	Other injury of unspecified intra-abdominal organ	Diagnosis	ICD-10-CM
S36.99XA	Other injury of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.99XD	Other injury of unspecified intra-abdominal organ, subsequent encounter	Diagnosis	ICD-10-CM
S36.99XS	Other injury of unspecified intra-abdominal organ, sequela	Diagnosis	ICD-10-CM
S37	Injury of urinary and pelvic organs	Diagnosis	ICD-10-CM
S37.0	Injury of kidney	Diagnosis	ICD-10-CM
S37.00	Unspecified injury of kidney	Diagnosis	ICD-10-CM
S37.001	Unspecified injury of right kidney	Diagnosis	ICD-10-CM
S37.001A	Unspecified injury of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.001D	Unspecified injury of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.001S	Unspecified injury of right kidney, sequela	Diagnosis	ICD-10-CM
S37.002	Unspecified injury of left kidney	Diagnosis	ICD-10-CM
S37.002A	Unspecified injury of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.002D	Unspecified injury of left kidney, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.002S	Unspecified injury of left kidney, sequela	Diagnosis	ICD-10-CM
S37.009	Unspecified injury of unspecified kidney	Diagnosis	ICD-10-CM
S37.009A	Unspecified injury of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.009D	Unspecified injury of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.009S	Unspecified injury of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.01	Minor contusion of kidney	Diagnosis	ICD-10-CM
S37.011	Minor contusion of right kidney	Diagnosis	ICD-10-CM
S37.011A	Minor contusion of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.011D	Minor contusion of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.011S	Minor contusion of right kidney, sequela	Diagnosis	ICD-10-CM
S37.012	Minor contusion of left kidney	Diagnosis	ICD-10-CM
S37.012A	Minor contusion of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.012D	Minor contusion of left kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.012S	Minor contusion of left kidney, sequela	Diagnosis	ICD-10-CM
S37.019	Minor contusion of unspecified kidney	Diagnosis	ICD-10-CM
S37.019A	Minor contusion of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.019D	Minor contusion of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.019S	Minor contusion of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.02	Major contusion of kidney	Diagnosis	ICD-10-CM
S37.021	Major contusion of right kidney	Diagnosis	ICD-10-CM
S37.021A	Major contusion of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.021D	Major contusion of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.021S	Major contusion of right kidney, sequela	Diagnosis	ICD-10-CM
S37.022	Major contusion of left kidney	Diagnosis	ICD-10-CM
S37.022A	Major contusion of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.022D	Major contusion of left kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.022S	Major contusion of left kidney, sequela	Diagnosis	ICD-10-CM
S37.029	Major contusion of unspecified kidney	Diagnosis	ICD-10-CM
S37.029A	Major contusion of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.029D	Major contusion of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.029S	Major contusion of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.03	Laceration of kidney, unspecified degree	Diagnosis	ICD-10-CM
S37.031	Laceration of right kidney, unspecified degree	Diagnosis	ICD-10-CM
S37.031A	Laceration of right kidney, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S37.031D	Laceration of right kidney, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S37.031S	Laceration of right kidney, unspecified degree, sequela	Diagnosis	ICD-10-CM
S37.032	Laceration of left kidney, unspecified degree	Diagnosis	ICD-10-CM
S37.032A	Laceration of left kidney, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S37.032D	Laceration of left kidney, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S37.032S	Laceration of left kidney, unspecified degree, sequela	Diagnosis	ICD-10-CM
S37.039	Laceration of unspecified kidney, unspecified degree	Diagnosis	ICD-10-CM
S37.039A	Laceration of unspecified kidney, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S37.039D	Laceration of unspecified kidney, unspecified degree, subsequent encounter	Diagnosis	ICD-10-CM
S37.039S	Laceration of unspecified kidney, unspecified degree, sequela	Diagnosis	ICD-10-CM
S37.04	Minor laceration of kidney	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.041	Minor laceration of right kidney	Diagnosis	ICD-10-CM
S37.041A	Minor laceration of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.041D	Minor laceration of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.041S	Minor laceration of right kidney, sequela	Diagnosis	ICD-10-CM
S37.042	Minor laceration of left kidney	Diagnosis	ICD-10-CM
S37.042A	Minor laceration of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.042D	Minor laceration of left kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.042S	Minor laceration of left kidney, sequela	Diagnosis	ICD-10-CM
S37.049	Minor laceration of unspecified kidney	Diagnosis	ICD-10-CM
S37.049A	Minor laceration of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.049D	Minor laceration of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.049S	Minor laceration of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.05	Moderate laceration of kidney	Diagnosis	ICD-10-CM
S37.051	Moderate laceration of right kidney	Diagnosis	ICD-10-CM
S37.051A	Moderate laceration of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.051D	Moderate laceration of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.051S	Moderate laceration of right kidney, sequela	Diagnosis	ICD-10-CM
S37.052	Moderate laceration of left kidney	Diagnosis	ICD-10-CM
S37.052A	Moderate laceration of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.052D	Moderate laceration of left kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.052S	Moderate laceration of left kidney, sequela	Diagnosis	ICD-10-CM
S37.059	Moderate laceration of unspecified kidney	Diagnosis	ICD-10-CM
S37.059A	Moderate laceration of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.059D	Moderate laceration of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.059S	Moderate laceration of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.06	Major laceration of kidney	Diagnosis	ICD-10-CM
S37.061	Major laceration of right kidney	Diagnosis	ICD-10-CM
S37.061A	Major laceration of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.061D	Major laceration of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.061S	Major laceration of right kidney, sequela	Diagnosis	ICD-10-CM
S37.062	Major laceration of left kidney	Diagnosis	ICD-10-CM
S37.062A	Major laceration of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.062D	Major laceration of left kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.062S	Major laceration of left kidney, sequela	Diagnosis	ICD-10-CM
S37.069	Major laceration of unspecified kidney	Diagnosis	ICD-10-CM
S37.069A	Major laceration of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.069D	Major laceration of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.069S	Major laceration of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.09	Other injury of kidney	Diagnosis	ICD-10-CM
S37.091	Other injury of right kidney	Diagnosis	ICD-10-CM
S37.091A	Other injury of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.091D	Other injury of right kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.091S	Other injury of right kidney, sequela	Diagnosis	ICD-10-CM
S37.092	Other injury of left kidney	Diagnosis	ICD-10-CM
S37.092A	Other injury of left kidney, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.092D	Other injury of left kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.092S	Other injury of left kidney, sequela	Diagnosis	ICD-10-CM
S37.099	Other injury of unspecified kidney	Diagnosis	ICD-10-CM
S37.099A	Other injury of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.099D	Other injury of unspecified kidney, subsequent encounter	Diagnosis	ICD-10-CM
S37.099S	Other injury of unspecified kidney, sequela	Diagnosis	ICD-10-CM
S37.1	Injury of ureter	Diagnosis	ICD-10-CM
S37.10	Unspecified injury of ureter	Diagnosis	ICD-10-CM
S37.10XA	Unspecified injury of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.10XD	Unspecified injury of ureter, subsequent encounter	Diagnosis	ICD-10-CM
S37.10XS	Unspecified injury of ureter, sequela	Diagnosis	ICD-10-CM
S37.12	Contusion of ureter	Diagnosis	ICD-10-CM
S37.12XA	Contusion of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.12XD	Contusion of ureter, subsequent encounter	Diagnosis	ICD-10-CM
S37.12XS	Contusion of ureter, sequela	Diagnosis	ICD-10-CM
S37.13	Laceration of ureter	Diagnosis	ICD-10-CM
S37.13XA	Laceration of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.13XD	Laceration of ureter, subsequent encounter	Diagnosis	ICD-10-CM
S37.13XS	Laceration of ureter, sequela	Diagnosis	ICD-10-CM
S37.19	Other injury of ureter	Diagnosis	ICD-10-CM
S37.19XA	Other injury of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.19XD	Other injury of ureter, subsequent encounter	Diagnosis	ICD-10-CM
S37.19XS	Other injury of ureter, sequela	Diagnosis	ICD-10-CM
S37.2	Injury of bladder	Diagnosis	ICD-10-CM
S37.20	Unspecified injury of bladder	Diagnosis	ICD-10-CM
S37.20XA	Unspecified injury of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.20XD	Unspecified injury of bladder, subsequent encounter	Diagnosis	ICD-10-CM
S37.20XS	Unspecified injury of bladder, sequela	Diagnosis	ICD-10-CM
S37.22	Contusion of bladder	Diagnosis	ICD-10-CM
S37.22XA	Contusion of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.22XD	Contusion of bladder, subsequent encounter	Diagnosis	ICD-10-CM
S37.22XS	Contusion of bladder, sequela	Diagnosis	ICD-10-CM
S37.23	Laceration of bladder	Diagnosis	ICD-10-CM
S37.23XA	Laceration of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.23XD	Laceration of bladder, subsequent encounter	Diagnosis	ICD-10-CM
S37.23XS	Laceration of bladder, sequela	Diagnosis	ICD-10-CM
S37.29	Other injury of bladder	Diagnosis	ICD-10-CM
S37.29XA	Other injury of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.29XD	Other injury of bladder, subsequent encounter	Diagnosis	ICD-10-CM
S37.29XS	Other injury of bladder, sequela	Diagnosis	ICD-10-CM
S37.3	Injury of urethra	Diagnosis	ICD-10-CM
S37.30	Unspecified injury of urethra	Diagnosis	ICD-10-CM
S37.30XA	Unspecified injury of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.30XD	Unspecified injury of urethra, subsequent encounter	Diagnosis	ICD-10-CM
S37.30XS	Unspecified injury of urethra, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.32	Contusion of urethra	Diagnosis	ICD-10-CM
S37.32XA	Contusion of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.32XD	Contusion of urethra, subsequent encounter	Diagnosis	ICD-10-CM
S37.32XS	Contusion of urethra, sequela	Diagnosis	ICD-10-CM
S37.33	Laceration of urethra	Diagnosis	ICD-10-CM
S37.33XA	Laceration of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.33XD	Laceration of urethra, subsequent encounter	Diagnosis	ICD-10-CM
S37.33XS	Laceration of urethra, sequela	Diagnosis	ICD-10-CM
S37.39	Other injury of urethra	Diagnosis	ICD-10-CM
S37.39XA	Other injury of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.39XD	Other injury of urethra, subsequent encounter	Diagnosis	ICD-10-CM
S37.39XS	Other injury of urethra, sequela	Diagnosis	ICD-10-CM
S37.4	Injury of ovary	Diagnosis	ICD-10-CM
S37.40	Unspecified injury of ovary	Diagnosis	ICD-10-CM
S37.401	Unspecified injury of ovary, unilateral	Diagnosis	ICD-10-CM
S37.401A	Unspecified injury of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.401D	Unspecified injury of ovary, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.401S	Unspecified injury of ovary, unilateral, sequela	Diagnosis	ICD-10-CM
S37.402	Unspecified injury of ovary, bilateral	Diagnosis	ICD-10-CM
S37.402A	Unspecified injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.402D	Unspecified injury of ovary, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.402S	Unspecified injury of ovary, bilateral, sequela	Diagnosis	ICD-10-CM
S37.409	Unspecified injury of ovary, unspecified	Diagnosis	ICD-10-CM
S37.409A	Unspecified injury of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.409D	Unspecified injury of ovary, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.409S	Unspecified injury of ovary, unspecified, sequela	Diagnosis	ICD-10-CM
S37.42	Contusion of ovary	Diagnosis	ICD-10-CM
S37.421	Contusion of ovary, unilateral	Diagnosis	ICD-10-CM
S37.421A	Contusion of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.421D	Contusion of ovary, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.421S	Contusion of ovary, unilateral, sequela	Diagnosis	ICD-10-CM
S37.422	Contusion of ovary, bilateral	Diagnosis	ICD-10-CM
S37.422A	Contusion of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.422D	Contusion of ovary, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.422S	Contusion of ovary, bilateral, sequela	Diagnosis	ICD-10-CM
S37.429	Contusion of ovary, unspecified	Diagnosis	ICD-10-CM
S37.429A	Contusion of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.429D	Contusion of ovary, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.429S	Contusion of ovary, unspecified, sequela	Diagnosis	ICD-10-CM
S37.43	Laceration of ovary	Diagnosis	ICD-10-CM
S37.431	Laceration of ovary, unilateral	Diagnosis	ICD-10-CM
S37.431A	Laceration of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.431D	Laceration of ovary, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.431S	Laceration of ovary, unilateral, sequela	Diagnosis	ICD-10-CM
S37.432	Laceration of ovary, bilateral	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.432A	Laceration of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.432D	Laceration of ovary, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.432S	Laceration of ovary, bilateral, sequela	Diagnosis	ICD-10-CM
S37.439	Laceration of ovary, unspecified	Diagnosis	ICD-10-CM
S37.439A	Laceration of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.439D	Laceration of ovary, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.439S	Laceration of ovary, unspecified, sequela	Diagnosis	ICD-10-CM
S37.49	Other injury of ovary	Diagnosis	ICD-10-CM
S37.491	Other injury of ovary, unilateral	Diagnosis	ICD-10-CM
S37.491A	Other injury of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.491D	Other injury of ovary, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.491S	Other injury of ovary, unilateral, sequela	Diagnosis	ICD-10-CM
S37.492	Other injury of ovary, bilateral	Diagnosis	ICD-10-CM
S37.492A	Other injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.492D	Other injury of ovary, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.492S	Other injury of ovary, bilateral, sequela	Diagnosis	ICD-10-CM
S37.499	Other injury of ovary, unspecified	Diagnosis	ICD-10-CM
S37.499A	Other injury of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.499D	Other injury of ovary, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.499S	Other injury of ovary, unspecified, sequela	Diagnosis	ICD-10-CM
S37.5	Injury of fallopian tube	Diagnosis	ICD-10-CM
S37.50	Unspecified injury of fallopian tube	Diagnosis	ICD-10-CM
S37.501	Unspecified injury of fallopian tube, unilateral	Diagnosis	ICD-10-CM
S37.501A	Unspecified injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.501D	Unspecified injury of fallopian tube, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.501S	Unspecified injury of fallopian tube, unilateral, sequela	Diagnosis	ICD-10-CM
S37.502	Unspecified injury of fallopian tube, bilateral	Diagnosis	ICD-10-CM
S37.502A	Unspecified injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.502D	Unspecified injury of fallopian tube, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.502S	Unspecified injury of fallopian tube, bilateral, sequela	Diagnosis	ICD-10-CM
S37.509	Unspecified injury of fallopian tube, unspecified	Diagnosis	ICD-10-CM
S37.509A	Unspecified injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.509D	Unspecified injury of fallopian tube, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.509S	Unspecified injury of fallopian tube, unspecified, sequela	Diagnosis	ICD-10-CM
S37.51	Primary blast injury of fallopian tube	Diagnosis	ICD-10-CM
S37.511	Primary blast injury of fallopian tube, unilateral	Diagnosis	ICD-10-CM
S37.511A	Primary blast injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.511D	Primary blast injury of fallopian tube, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.511S	Primary blast injury of fallopian tube, unilateral, sequela	Diagnosis	ICD-10-CM
S37.512	Primary blast injury of fallopian tube, bilateral	Diagnosis	ICD-10-CM
S37.512A	Primary blast injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.512D	Primary blast injury of fallopian tube, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.512S	Primary blast injury of fallopian tube, bilateral, sequela	Diagnosis	ICD-10-CM
S37.519	Primary blast injury of fallopian tube, unspecified	Diagnosis	ICD-10-CM
S37.519A	Primary blast injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.519D	Primary blast injury of fallopian tube, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.519S	Primary blast injury of fallopian tube, unspecified, sequela	Diagnosis	ICD-10-CM
S37.52	Contusion of fallopian tube	Diagnosis	ICD-10-CM
S37.521	Contusion of fallopian tube, unilateral	Diagnosis	ICD-10-CM
S37.521A	Contusion of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.521D	Contusion of fallopian tube, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.521S	Contusion of fallopian tube, unilateral, sequela	Diagnosis	ICD-10-CM
S37.522	Contusion of fallopian tube, bilateral	Diagnosis	ICD-10-CM
S37.522A	Contusion of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.522D	Contusion of fallopian tube, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.522S	Contusion of fallopian tube, bilateral, sequela	Diagnosis	ICD-10-CM
S37.529	Contusion of fallopian tube, unspecified	Diagnosis	ICD-10-CM
S37.529A	Contusion of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.529D	Contusion of fallopian tube, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.529S	Contusion of fallopian tube, unspecified, sequela	Diagnosis	ICD-10-CM
S37.53	Laceration of fallopian tube	Diagnosis	ICD-10-CM
S37.531	Laceration of fallopian tube, unilateral	Diagnosis	ICD-10-CM
S37.531A	Laceration of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.531D	Laceration of fallopian tube, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.531S	Laceration of fallopian tube, unilateral, sequela	Diagnosis	ICD-10-CM
S37.532	Laceration of fallopian tube, bilateral	Diagnosis	ICD-10-CM
S37.532A	Laceration of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.532D	Laceration of fallopian tube, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.532S	Laceration of fallopian tube, bilateral, sequela	Diagnosis	ICD-10-CM
S37.539	Laceration of fallopian tube, unspecified	Diagnosis	ICD-10-CM
S37.539A	Laceration of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.539D	Laceration of fallopian tube, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.539S	Laceration of fallopian tube, unspecified, sequela	Diagnosis	ICD-10-CM
S37.59	Other injury of fallopian tube	Diagnosis	ICD-10-CM
S37.591	Other injury of fallopian tube, unilateral	Diagnosis	ICD-10-CM
S37.591A	Other injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.591D	Other injury of fallopian tube, unilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.591S	Other injury of fallopian tube, unilateral, sequela	Diagnosis	ICD-10-CM
S37.592	Other injury of fallopian tube, bilateral	Diagnosis	ICD-10-CM
S37.592A	Other injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.592D	Other injury of fallopian tube, bilateral, subsequent encounter	Diagnosis	ICD-10-CM
S37.592S	Other injury of fallopian tube, bilateral, sequela	Diagnosis	ICD-10-CM
S37.599	Other injury of fallopian tube, unspecified	Diagnosis	ICD-10-CM
S37.599A	Other injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.599D	Other injury of fallopian tube, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S37.599S	Other injury of fallopian tube, unspecified, sequela	Diagnosis	ICD-10-CM
S37.6	Injury of uterus	Diagnosis	ICD-10-CM
S37.60	Unspecified injury of uterus	Diagnosis	ICD-10-CM
S37.60XA	Unspecified injury of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.60XD	Unspecified injury of uterus, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.60XS	Unspecified injury of uterus, sequela	Diagnosis	ICD-10-CM
S37.62	Contusion of uterus	Diagnosis	ICD-10-CM
S37.62XA	Contusion of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.62XD	Contusion of uterus, subsequent encounter	Diagnosis	ICD-10-CM
S37.62XS	Contusion of uterus, sequela	Diagnosis	ICD-10-CM
S37.63	Laceration of uterus	Diagnosis	ICD-10-CM
S37.63XA	Laceration of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.63XD	Laceration of uterus, subsequent encounter	Diagnosis	ICD-10-CM
S37.63XS	Laceration of uterus, sequela	Diagnosis	ICD-10-CM
S37.69	Other injury of uterus	Diagnosis	ICD-10-CM
S37.69XA	Other injury of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.69XD	Other injury of uterus, subsequent encounter	Diagnosis	ICD-10-CM
S37.69XS	Other injury of uterus, sequela	Diagnosis	ICD-10-CM
S37.8	Injury of other urinary and pelvic organs	Diagnosis	ICD-10-CM
S37.81	Injury of adrenal gland	Diagnosis	ICD-10-CM
S37.812	Contusion of adrenal gland	Diagnosis	ICD-10-CM
S37.812A	Contusion of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.812D	Contusion of adrenal gland, subsequent encounter	Diagnosis	ICD-10-CM
S37.812S	Contusion of adrenal gland, sequela	Diagnosis	ICD-10-CM
S37.813	Laceration of adrenal gland	Diagnosis	ICD-10-CM
S37.813A	Laceration of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.813D	Laceration of adrenal gland, subsequent encounter	Diagnosis	ICD-10-CM
S37.813S	Laceration of adrenal gland, sequela	Diagnosis	ICD-10-CM
S37.818	Other injury of adrenal gland	Diagnosis	ICD-10-CM
S37.818A	Other injury of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.818D	Other injury of adrenal gland, subsequent encounter	Diagnosis	ICD-10-CM
S37.818S	Other injury of adrenal gland, sequela	Diagnosis	ICD-10-CM
S37.819	Unspecified injury of adrenal gland	Diagnosis	ICD-10-CM
S37.819A	Unspecified injury of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.819D	Unspecified injury of adrenal gland, subsequent encounter	Diagnosis	ICD-10-CM
S37.819S	Unspecified injury of adrenal gland, sequela	Diagnosis	ICD-10-CM
S37.82	Injury of prostate	Diagnosis	ICD-10-CM
S37.822	Contusion of prostate	Diagnosis	ICD-10-CM
S37.822A	Contusion of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.822D	Contusion of prostate, subsequent encounter	Diagnosis	ICD-10-CM
S37.822S	Contusion of prostate, sequela	Diagnosis	ICD-10-CM
S37.823	Laceration of prostate	Diagnosis	ICD-10-CM
S37.823A	Laceration of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.823D	Laceration of prostate, subsequent encounter	Diagnosis	ICD-10-CM
S37.823S	Laceration of prostate, sequela	Diagnosis	ICD-10-CM
S37.828	Other injury of prostate	Diagnosis	ICD-10-CM
S37.828A	Other injury of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.828D	Other injury of prostate, subsequent encounter	Diagnosis	ICD-10-CM
S37.828S	Other injury of prostate, sequela	Diagnosis	ICD-10-CM
S37.829	Unspecified injury of prostate	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S37.829A	Unspecified injury of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.829D	Unspecified injury of prostate, subsequent encounter	Diagnosis	ICD-10-CM
S37.829S	Unspecified injury of prostate, sequela	Diagnosis	ICD-10-CM
S37.89	Injury of other urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.892	Contusion of other urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.892A	Contusion of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.892D	Contusion of other urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.892S	Contusion of other urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.893	Laceration of other urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.893A	Laceration of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.893D	Laceration of other urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.893S	Laceration of other urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.898	Other injury of other urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.898A	Other injury of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.898D	Other injury of other urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.898S	Other injury of other urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.899	Unspecified injury of other urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.899A	Unspecified injury of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.899D	Unspecified injury of other urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.899S	Unspecified injury of other urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.9	Injury of unspecified urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.90	Unspecified injury of unspecified urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.90XA	Unspecified injury of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.90XD	Unspecified injury of unspecified urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.90XS	Unspecified injury of unspecified urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.92	Contusion of unspecified urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.92XA	Contusion of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.92XD	Contusion of unspecified urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.92XS	Contusion of unspecified urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.93	Laceration of unspecified urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.93XA	Laceration of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.93XD	Laceration of unspecified urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.93XS	Laceration of unspecified urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S37.99	Other injury of unspecified urinary and pelvic organ	Diagnosis	ICD-10-CM
S37.99XA	Other injury of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.99XD	Other injury of unspecified urinary and pelvic organ, subsequent encounter	Diagnosis	ICD-10-CM
S37.99XS	Other injury of unspecified urinary and pelvic organ, sequela	Diagnosis	ICD-10-CM
S38	Crushing injury and traumatic amputation of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S38.0	Crushing injury of external genital organs	Diagnosis	ICD-10-CM
S38.00	Crushing injury of unspecified external genital organs	Diagnosis	ICD-10-CM
S38.001	Crushing injury of unspecified external genital organs, male	Diagnosis	ICD-10-CM
S38.001A	Crushing injury of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S38.001D	Crushing injury of unspecified external genital organs, male, subsequent encounter	Diagnosis	ICD-10-CM
S38.001S	Crushing injury of unspecified external genital organs, male, sequela	Diagnosis	ICD-10-CM
S38.002	Crushing injury of unspecified external genital organs, female	Diagnosis	ICD-10-CM
S38.002A	Crushing injury of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S38.002D	Crushing injury of unspecified external genital organs, female, subsequent encounter	Diagnosis	ICD-10-CM
S38.002S	Crushing injury of unspecified external genital organs, female, sequela	Diagnosis	ICD-10-CM
S38.01	Crushing injury of penis	Diagnosis	ICD-10-CM
S38.01XA	Crushing injury of penis, initial encounter	Diagnosis	ICD-10-CM
S38.01XD	Crushing injury of penis, subsequent encounter	Diagnosis	ICD-10-CM
S38.01XS	Crushing injury of penis, sequela	Diagnosis	ICD-10-CM
S38.02	Crushing injury of scrotum and testis	Diagnosis	ICD-10-CM
S38.02XA	Crushing injury of scrotum and testis, initial encounter	Diagnosis	ICD-10-CM
S38.02XD	Crushing injury of scrotum and testis, subsequent encounter	Diagnosis	ICD-10-CM
S38.02XS	Crushing injury of scrotum and testis, sequela	Diagnosis	ICD-10-CM
S38.03	Crushing injury of vulva	Diagnosis	ICD-10-CM
S38.03XA	Crushing injury of vulva, initial encounter	Diagnosis	ICD-10-CM
S38.03XD	Crushing injury of vulva, subsequent encounter	Diagnosis	ICD-10-CM
S38.03XS	Crushing injury of vulva, sequela	Diagnosis	ICD-10-CM
S38.1	Crushing injury of abdomen, lower back, and pelvis	Diagnosis	ICD-10-CM
S38.1XXA	Crushing injury of abdomen, lower back, and pelvis, initial encounter	Diagnosis	ICD-10-CM
S38.1XXD	Crushing injury of abdomen, lower back, and pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S38.1XXS	Crushing injury of abdomen, lower back, and pelvis, sequela	Diagnosis	ICD-10-CM
S38.2	Traumatic amputation of external genital organs	Diagnosis	ICD-10-CM
S38.21	Traumatic amputation of female external genital organs	Diagnosis	ICD-10-CM
S38.211	Complete traumatic amputation of female external genital organs	Diagnosis	ICD-10-CM
S38.211A	Complete traumatic amputation of female external genital organs, initial encounter	Diagnosis	ICD-10-CM
S38.211D	Complete traumatic amputation of female external genital organs, subsequent encounter	Diagnosis	ICD-10-CM
S38.211S	Complete traumatic amputation of female external genital organs, sequela	Diagnosis	ICD-10-CM
S38.212	Partial traumatic amputation of female external genital organs	Diagnosis	ICD-10-CM
S38.212A	Partial traumatic amputation of female external genital organs, initial encounter	Diagnosis	ICD-10-CM
S38.212D	Partial traumatic amputation of female external genital organs, subsequent encounter	Diagnosis	ICD-10-CM
S38.212S	Partial traumatic amputation of female external genital organs, sequela	Diagnosis	ICD-10-CM
S38.22	Traumatic amputation of penis	Diagnosis	ICD-10-CM
S38.221	Complete traumatic amputation of penis	Diagnosis	ICD-10-CM
S38.221A	Complete traumatic amputation of penis, initial encounter	Diagnosis	ICD-10-CM
S38.221D	Complete traumatic amputation of penis, subsequent encounter	Diagnosis	ICD-10-CM
S38.221S	Complete traumatic amputation of penis, sequela	Diagnosis	ICD-10-CM
S38.222	Partial traumatic amputation of penis	Diagnosis	ICD-10-CM
S38.222A	Partial traumatic amputation of penis, initial encounter	Diagnosis	ICD-10-CM
S38.222D	Partial traumatic amputation of penis, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S38.222S	Partial traumatic amputation of penis, sequela	Diagnosis	ICD-10-CM
S38.23	Traumatic amputation of scrotum and testis	Diagnosis	ICD-10-CM
S38.231	Complete traumatic amputation of scrotum and testis	Diagnosis	ICD-10-CM
S38.231A	Complete traumatic amputation of scrotum and testis, initial encounter	Diagnosis	ICD-10-CM
S38.231D	Complete traumatic amputation of scrotum and testis, subsequent encounter	Diagnosis	ICD-10-CM
S38.231S	Complete traumatic amputation of scrotum and testis, sequela	Diagnosis	ICD-10-CM
S38.232	Partial traumatic amputation of scrotum and testis	Diagnosis	ICD-10-CM
S38.232A	Partial traumatic amputation of scrotum and testis, initial encounter	Diagnosis	ICD-10-CM
S38.232D	Partial traumatic amputation of scrotum and testis, subsequent encounter	Diagnosis	ICD-10-CM
S38.232S	Partial traumatic amputation of scrotum and testis, sequela	Diagnosis	ICD-10-CM
S38.3	Transection (partial) of abdomen	Diagnosis	ICD-10-CM
S38.3XXA	Transection (partial) of abdomen, initial encounter	Diagnosis	ICD-10-CM
S38.3XXD	Transection (partial) of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S38.3XXS	Transection (partial) of abdomen, sequela	Diagnosis	ICD-10-CM
S39	Other and unspecified injuries of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S39.0	Injury of muscle, fascia and tendon of abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
S39.00	Unspecified injury of muscle, fascia and tendon of abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
S39.001	Unspecified injury of muscle, fascia and tendon of abdomen	Diagnosis	ICD-10-CM
S39.001A	Unspecified injury of muscle, fascia and tendon of abdomen, initial encounter	Diagnosis	ICD-10-CM
S39.001D	Unspecified injury of muscle, fascia and tendon of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S39.001S	Unspecified injury of muscle, fascia and tendon of abdomen, sequela	Diagnosis	ICD-10-CM
S39.002	Unspecified injury of muscle, fascia and tendon of lower back	Diagnosis	ICD-10-CM
S39.002A	Unspecified injury of muscle, fascia and tendon of lower back, initial encounter	Diagnosis	ICD-10-CM
S39.002D	Unspecified injury of muscle, fascia and tendon of lower back, subsequent encounter	Diagnosis	ICD-10-CM
S39.002S	Unspecified injury of muscle, fascia and tendon of lower back, sequela	Diagnosis	ICD-10-CM
S39.003	Unspecified injury of muscle, fascia and tendon of pelvis	Diagnosis	ICD-10-CM
S39.003A	Unspecified injury of muscle, fascia and tendon of pelvis, initial encounter	Diagnosis	ICD-10-CM
S39.003D	Unspecified injury of muscle, fascia and tendon of pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S39.003S	Unspecified injury of muscle, fascia and tendon of pelvis, sequela	Diagnosis	ICD-10-CM
S39.01	Strain of muscle, fascia and tendon of abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
S39.011	Strain of muscle, fascia and tendon of abdomen	Diagnosis	ICD-10-CM
S39.011A	Strain of muscle, fascia and tendon of abdomen, initial encounter	Diagnosis	ICD-10-CM
S39.011D	Strain of muscle, fascia and tendon of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S39.011S	Strain of muscle, fascia and tendon of abdomen, sequela	Diagnosis	ICD-10-CM
S39.012	Strain of muscle, fascia and tendon of lower back	Diagnosis	ICD-10-CM
S39.012A	Strain of muscle, fascia and tendon of lower back, initial encounter	Diagnosis	ICD-10-CM
S39.012D	Strain of muscle, fascia and tendon of lower back, subsequent encounter	Diagnosis	ICD-10-CM
S39.012S	Strain of muscle, fascia and tendon of lower back, sequela	Diagnosis	ICD-10-CM
S39.013	Strain of muscle, fascia and tendon of pelvis	Diagnosis	ICD-10-CM
S39.013A	Strain of muscle, fascia and tendon of pelvis, initial encounter	Diagnosis	ICD-10-CM
S39.013D	Strain of muscle, fascia and tendon of pelvis, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S39.013S	Strain of muscle, fascia and tendon of pelvis, sequela	Diagnosis	ICD-10-CM
S39.02	Laceration of muscle, fascia and tendon of abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
S39.021	Laceration of muscle, fascia and tendon of abdomen	Diagnosis	ICD-10-CM
S39.021A	Laceration of muscle, fascia and tendon of abdomen, initial encounter	Diagnosis	ICD-10-CM
S39.021D	Laceration of muscle, fascia and tendon of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S39.021S	Laceration of muscle, fascia and tendon of abdomen, sequela	Diagnosis	ICD-10-CM
S39.022	Laceration of muscle, fascia and tendon of lower back	Diagnosis	ICD-10-CM
S39.022A	Laceration of muscle, fascia and tendon of lower back, initial encounter	Diagnosis	ICD-10-CM
S39.022D	Laceration of muscle, fascia and tendon of lower back, subsequent encounter	Diagnosis	ICD-10-CM
S39.022S	Laceration of muscle, fascia and tendon of lower back, sequela	Diagnosis	ICD-10-CM
S39.023	Laceration of muscle, fascia and tendon of pelvis	Diagnosis	ICD-10-CM
S39.023A	Laceration of muscle, fascia and tendon of pelvis, initial encounter	Diagnosis	ICD-10-CM
S39.023D	Laceration of muscle, fascia and tendon of pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S39.023S	Laceration of muscle, fascia and tendon of pelvis, sequela	Diagnosis	ICD-10-CM
S39.09	Other injury of muscle, fascia and tendon of abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
S39.091	Other injury of muscle, fascia and tendon of abdomen	Diagnosis	ICD-10-CM
S39.091A	Other injury of muscle, fascia and tendon of abdomen, initial encounter	Diagnosis	ICD-10-CM
S39.091D	Other injury of muscle, fascia and tendon of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S39.091S	Other injury of muscle, fascia and tendon of abdomen, sequela	Diagnosis	ICD-10-CM
S39.092	Other injury of muscle, fascia and tendon of lower back	Diagnosis	ICD-10-CM
S39.092A	Other injury of muscle, fascia and tendon of lower back, initial encounter	Diagnosis	ICD-10-CM
S39.092D	Other injury of muscle, fascia and tendon of lower back, subsequent encounter	Diagnosis	ICD-10-CM
S39.092S	Other injury of muscle, fascia and tendon of lower back, sequela	Diagnosis	ICD-10-CM
S39.093	Other injury of muscle, fascia and tendon of pelvis	Diagnosis	ICD-10-CM
S39.093A	Other injury of muscle, fascia and tendon of pelvis, initial encounter	Diagnosis	ICD-10-CM
S39.093D	Other injury of muscle, fascia and tendon of pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S39.093S	Other injury of muscle, fascia and tendon of pelvis, sequela	Diagnosis	ICD-10-CM
S39.8	Other specified injuries of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S39.81	Other specified injuries of abdomen	Diagnosis	ICD-10-CM
S39.81XA	Other specified injuries of abdomen, initial encounter	Diagnosis	ICD-10-CM
S39.81XD	Other specified injuries of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S39.81XS	Other specified injuries of abdomen, sequela	Diagnosis	ICD-10-CM
S39.82	Other specified injuries of lower back	Diagnosis	ICD-10-CM
S39.82XA	Other specified injuries of lower back, initial encounter	Diagnosis	ICD-10-CM
S39.82XD	Other specified injuries of lower back, subsequent encounter	Diagnosis	ICD-10-CM
S39.82XS	Other specified injuries of lower back, sequela	Diagnosis	ICD-10-CM
S39.83	Other specified injuries of pelvis	Diagnosis	ICD-10-CM
S39.83XA	Other specified injuries of pelvis, initial encounter	Diagnosis	ICD-10-CM
S39.83XD	Other specified injuries of pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S39.83XS	Other specified injuries of pelvis, sequela	Diagnosis	ICD-10-CM
S39.84	Other specified injuries of external genitals	Diagnosis	ICD-10-CM
S39.840	Fracture of corpus cavernosum penis	Diagnosis	ICD-10-CM
S39.840A	Fracture of corpus cavernosum penis, initial encounter	Diagnosis	ICD-10-CM
S39.840D	Fracture of corpus cavernosum penis, subsequent encounter	Diagnosis	ICD-10-CM
S39.840S	Fracture of corpus cavernosum penis, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S39.848	Other specified injuries of external genitals	Diagnosis	ICD-10-CM
S39.848A	Other specified injuries of external genitals, initial encounter	Diagnosis	ICD-10-CM
S39.848D	Other specified injuries of external genitals, subsequent encounter	Diagnosis	ICD-10-CM
S39.848S	Other specified injuries of external genitals, sequela	Diagnosis	ICD-10-CM
S39.9	Unspecified injury of abdomen, lower back, pelvis and external genitals	Diagnosis	ICD-10-CM
S39.91	Unspecified injury of abdomen	Diagnosis	ICD-10-CM
S39.91XA	Unspecified injury of abdomen, initial encounter	Diagnosis	ICD-10-CM
S39.91XD	Unspecified injury of abdomen, subsequent encounter	Diagnosis	ICD-10-CM
S39.91XS	Unspecified injury of abdomen, sequela	Diagnosis	ICD-10-CM
S39.92	Unspecified injury of lower back	Diagnosis	ICD-10-CM
S39.92XA	Unspecified injury of lower back, initial encounter	Diagnosis	ICD-10-CM
S39.92XD	Unspecified injury of lower back, subsequent encounter	Diagnosis	ICD-10-CM
S39.92XS	Unspecified injury of lower back, sequela	Diagnosis	ICD-10-CM
S39.93	Unspecified injury of pelvis	Diagnosis	ICD-10-CM
S39.93XA	Unspecified injury of pelvis, initial encounter	Diagnosis	ICD-10-CM
S39.93XD	Unspecified injury of pelvis, subsequent encounter	Diagnosis	ICD-10-CM
S39.93XS	Unspecified injury of pelvis, sequela	Diagnosis	ICD-10-CM
S39.94	Unspecified injury of external genitals	Diagnosis	ICD-10-CM
S39.94XA	Unspecified injury of external genitals, initial encounter	Diagnosis	ICD-10-CM
S39.94XD	Unspecified injury of external genitals, subsequent encounter	Diagnosis	ICD-10-CM
S39.94XS	Unspecified injury of external genitals, sequela	Diagnosis	ICD-10-CM
S40	Superficial injury of shoulder and upper arm	Diagnosis	ICD-10-CM
S40.0	Contusion of shoulder and upper arm	Diagnosis	ICD-10-CM
S40.01	Contusion of shoulder	Diagnosis	ICD-10-CM
S40.011	Contusion of right shoulder	Diagnosis	ICD-10-CM
S40.011A	Contusion of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.011D	Contusion of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.011S	Contusion of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.012	Contusion of left shoulder	Diagnosis	ICD-10-CM
S40.012A	Contusion of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.012D	Contusion of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.012S	Contusion of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.019	Contusion of unspecified shoulder	Diagnosis	ICD-10-CM
S40.019A	Contusion of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.019D	Contusion of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.019S	Contusion of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.02	Contusion of upper arm	Diagnosis	ICD-10-CM
S40.021	Contusion of right upper arm	Diagnosis	ICD-10-CM
S40.021A	Contusion of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.021D	Contusion of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.021S	Contusion of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.022	Contusion of left upper arm	Diagnosis	ICD-10-CM
S40.022A	Contusion of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.022D	Contusion of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.022S	Contusion of left upper arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S40.029	Contusion of unspecified upper arm	Diagnosis	ICD-10-CM
S40.029A	Contusion of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.029D	Contusion of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.029S	Contusion of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.2	Other superficial injuries of shoulder	Diagnosis	ICD-10-CM
S40.21	Abrasion of shoulder	Diagnosis	ICD-10-CM
S40.211	Abrasion of right shoulder	Diagnosis	ICD-10-CM
S40.211A	Abrasion of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.211D	Abrasion of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.211S	Abrasion of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.212	Abrasion of left shoulder	Diagnosis	ICD-10-CM
S40.212A	Abrasion of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.212D	Abrasion of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.212S	Abrasion of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.219	Abrasion of unspecified shoulder	Diagnosis	ICD-10-CM
S40.219A	Abrasion of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.219D	Abrasion of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.219S	Abrasion of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.22	Blister (nonthermal) of shoulder	Diagnosis	ICD-10-CM
S40.221	Blister (nonthermal) of right shoulder	Diagnosis	ICD-10-CM
S40.221A	Blister (nonthermal) of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.221D	Blister (nonthermal) of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.221S	Blister (nonthermal) of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.222	Blister (nonthermal) of left shoulder	Diagnosis	ICD-10-CM
S40.222A	Blister (nonthermal) of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.222D	Blister (nonthermal) of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.222S	Blister (nonthermal) of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.229	Blister (nonthermal) of unspecified shoulder	Diagnosis	ICD-10-CM
S40.229A	Blister (nonthermal) of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.229D	Blister (nonthermal) of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.229S	Blister (nonthermal) of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.24	External constriction of shoulder	Diagnosis	ICD-10-CM
S40.241	External constriction of right shoulder	Diagnosis	ICD-10-CM
S40.241A	External constriction of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.241D	External constriction of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.241S	External constriction of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.242	External constriction of left shoulder	Diagnosis	ICD-10-CM
S40.242A	External constriction of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.242D	External constriction of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.242S	External constriction of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.249	External constriction of unspecified shoulder	Diagnosis	ICD-10-CM
S40.249A	External constriction of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.249D	External constriction of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.249S	External constriction of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.25	Superficial foreign body of shoulder	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S40.251	Superficial foreign body of right shoulder	Diagnosis	ICD-10-CM
S40.251A	Superficial foreign body of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.251D	Superficial foreign body of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.251S	Superficial foreign body of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.252	Superficial foreign body of left shoulder	Diagnosis	ICD-10-CM
S40.252A	Superficial foreign body of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.252D	Superficial foreign body of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.252S	Superficial foreign body of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.259	Superficial foreign body of unspecified shoulder	Diagnosis	ICD-10-CM
S40.259A	Superficial foreign body of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.259D	Superficial foreign body of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.259S	Superficial foreign body of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.26	Insect bite (nonvenomous) of shoulder	Diagnosis	ICD-10-CM
S40.261	Insect bite (nonvenomous) of right shoulder	Diagnosis	ICD-10-CM
S40.261A	Insect bite (nonvenomous) of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.261D	Insect bite (nonvenomous) of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.261S	Insect bite (nonvenomous) of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.262	Insect bite (nonvenomous) of left shoulder	Diagnosis	ICD-10-CM
S40.262A	Insect bite (nonvenomous) of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.262D	Insect bite (nonvenomous) of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.262S	Insect bite (nonvenomous) of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.269	Insect bite (nonvenomous) of unspecified shoulder	Diagnosis	ICD-10-CM
S40.269A	Insect bite (nonvenomous) of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.269D	Insect bite (nonvenomous) of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.269S	Insect bite (nonvenomous) of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.27	Other superficial bite of shoulder	Diagnosis	ICD-10-CM
S40.271	Other superficial bite of right shoulder	Diagnosis	ICD-10-CM
S40.271A	Other superficial bite of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.271D	Other superficial bite of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.271S	Other superficial bite of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.272	Other superficial bite of left shoulder	Diagnosis	ICD-10-CM
S40.272A	Other superficial bite of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.272D	Other superficial bite of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.272S	Other superficial bite of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.279	Other superficial bite of unspecified shoulder	Diagnosis	ICD-10-CM
S40.279A	Other superficial bite of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.279D	Other superficial bite of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.279S	Other superficial bite of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.8	Other superficial injuries of upper arm	Diagnosis	ICD-10-CM
S40.81	Abrasion of upper arm	Diagnosis	ICD-10-CM
S40.811	Abrasion of right upper arm	Diagnosis	ICD-10-CM
S40.811A	Abrasion of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.811D	Abrasion of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.811S	Abrasion of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.812	Abrasion of left upper arm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S40.812A	Abrasion of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.812D	Abrasion of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.812S	Abrasion of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.819	Abrasion of unspecified upper arm	Diagnosis	ICD-10-CM
S40.819A	Abrasion of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.819D	Abrasion of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.819S	Abrasion of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.82	Blister (nonthermal) of upper arm	Diagnosis	ICD-10-CM
S40.821	Blister (nonthermal) of right upper arm	Diagnosis	ICD-10-CM
S40.821A	Blister (nonthermal) of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.821D	Blister (nonthermal) of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.821S	Blister (nonthermal) of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.822	Blister (nonthermal) of left upper arm	Diagnosis	ICD-10-CM
S40.822A	Blister (nonthermal) of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.822D	Blister (nonthermal) of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.822S	Blister (nonthermal) of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.829	Blister (nonthermal) of unspecified upper arm	Diagnosis	ICD-10-CM
S40.829A	Blister (nonthermal) of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.829D	Blister (nonthermal) of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.829S	Blister (nonthermal) of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.84	External constriction of upper arm	Diagnosis	ICD-10-CM
S40.841	External constriction of right upper arm	Diagnosis	ICD-10-CM
S40.841A	External constriction of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.841D	External constriction of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.841S	External constriction of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.842	External constriction of left upper arm	Diagnosis	ICD-10-CM
S40.842A	External constriction of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.842D	External constriction of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.842S	External constriction of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.849	External constriction of unspecified upper arm	Diagnosis	ICD-10-CM
S40.849A	External constriction of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.849D	External constriction of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.849S	External constriction of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.85	Superficial foreign body of upper arm	Diagnosis	ICD-10-CM
S40.851	Superficial foreign body of right upper arm	Diagnosis	ICD-10-CM
S40.851A	Superficial foreign body of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.851D	Superficial foreign body of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.851S	Superficial foreign body of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.852	Superficial foreign body of left upper arm	Diagnosis	ICD-10-CM
S40.852A	Superficial foreign body of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.852D	Superficial foreign body of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.852S	Superficial foreign body of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.859	Superficial foreign body of unspecified upper arm	Diagnosis	ICD-10-CM
S40.859A	Superficial foreign body of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.859D	Superficial foreign body of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S40.859S	Superficial foreign body of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.86	Insect bite (nonvenomous) of upper arm	Diagnosis	ICD-10-CM
S40.861	Insect bite (nonvenomous) of right upper arm	Diagnosis	ICD-10-CM
S40.861A	Insect bite (nonvenomous) of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.861D	Insect bite (nonvenomous) of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.861S	Insect bite (nonvenomous) of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.862	Insect bite (nonvenomous) of left upper arm	Diagnosis	ICD-10-CM
S40.862A	Insect bite (nonvenomous) of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.862D	Insect bite (nonvenomous) of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.862S	Insect bite (nonvenomous) of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.869	Insect bite (nonvenomous) of unspecified upper arm	Diagnosis	ICD-10-CM
S40.869A	Insect bite (nonvenomous) of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.869D	Insect bite (nonvenomous) of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.869S	Insect bite (nonvenomous) of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.87	Other superficial bite of upper arm	Diagnosis	ICD-10-CM
S40.871	Other superficial bite of right upper arm	Diagnosis	ICD-10-CM
S40.871A	Other superficial bite of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.871D	Other superficial bite of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.871S	Other superficial bite of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.872	Other superficial bite of left upper arm	Diagnosis	ICD-10-CM
S40.872A	Other superficial bite of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.872D	Other superficial bite of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.872S	Other superficial bite of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.879	Other superficial bite of unspecified upper arm	Diagnosis	ICD-10-CM
S40.879A	Other superficial bite of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.879D	Other superficial bite of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.879S	Other superficial bite of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S40.9	Unspecified superficial injury of shoulder and upper arm	Diagnosis	ICD-10-CM
S40.91	Unspecified superficial injury of shoulder	Diagnosis	ICD-10-CM
S40.911	Unspecified superficial injury of right shoulder	Diagnosis	ICD-10-CM
S40.911A	Unspecified superficial injury of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.911D	Unspecified superficial injury of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.911S	Unspecified superficial injury of right shoulder, sequela	Diagnosis	ICD-10-CM
S40.912	Unspecified superficial injury of left shoulder	Diagnosis	ICD-10-CM
S40.912A	Unspecified superficial injury of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.912D	Unspecified superficial injury of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.912S	Unspecified superficial injury of left shoulder, sequela	Diagnosis	ICD-10-CM
S40.919	Unspecified superficial injury of unspecified shoulder	Diagnosis	ICD-10-CM
S40.919A	Unspecified superficial injury of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S40.919D	Unspecified superficial injury of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S40.919S	Unspecified superficial injury of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S40.92	Unspecified superficial injury of upper arm	Diagnosis	ICD-10-CM
S40.921	Unspecified superficial injury of right upper arm	Diagnosis	ICD-10-CM
S40.921A	Unspecified superficial injury of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.921D	Unspecified superficial injury of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S40.921S	Unspecified superficial injury of right upper arm, sequela	Diagnosis	ICD-10-CM
S40.922	Unspecified superficial injury of left upper arm	Diagnosis	ICD-10-CM
S40.922A	Unspecified superficial injury of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.922D	Unspecified superficial injury of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.922S	Unspecified superficial injury of left upper arm, sequela	Diagnosis	ICD-10-CM
S40.929	Unspecified superficial injury of unspecified upper arm	Diagnosis	ICD-10-CM
S40.929A	Unspecified superficial injury of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S40.929D	Unspecified superficial injury of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S40.929S	Unspecified superficial injury of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S41	Open wound of shoulder and upper arm	Diagnosis	ICD-10-CM
S41.0	Open wound of shoulder	Diagnosis	ICD-10-CM
S41.00	Unspecified open wound of shoulder	Diagnosis	ICD-10-CM
S41.001	Unspecified open wound of right shoulder	Diagnosis	ICD-10-CM
S41.001A	Unspecified open wound of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.001D	Unspecified open wound of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.001S	Unspecified open wound of right shoulder, sequela	Diagnosis	ICD-10-CM
S41.002	Unspecified open wound of left shoulder	Diagnosis	ICD-10-CM
S41.002A	Unspecified open wound of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.002D	Unspecified open wound of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.002S	Unspecified open wound of left shoulder, sequela	Diagnosis	ICD-10-CM
S41.009	Unspecified open wound of unspecified shoulder	Diagnosis	ICD-10-CM
S41.009A	Unspecified open wound of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.009D	Unspecified open wound of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.009S	Unspecified open wound of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S41.01	Laceration without foreign body of shoulder	Diagnosis	ICD-10-CM
S41.011	Laceration without foreign body of right shoulder	Diagnosis	ICD-10-CM
S41.011A	Laceration without foreign body of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.011D	Laceration without foreign body of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.011S	Laceration without foreign body of right shoulder, sequela	Diagnosis	ICD-10-CM
S41.012	Laceration without foreign body of left shoulder	Diagnosis	ICD-10-CM
S41.012A	Laceration without foreign body of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.012D	Laceration without foreign body of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.012S	Laceration without foreign body of left shoulder, sequela	Diagnosis	ICD-10-CM
S41.019	Laceration without foreign body of unspecified shoulder	Diagnosis	ICD-10-CM
S41.019A	Laceration without foreign body of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.019D	Laceration without foreign body of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.019S	Laceration without foreign body of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S41.02	Laceration with foreign body of shoulder	Diagnosis	ICD-10-CM
S41.021	Laceration with foreign body of right shoulder	Diagnosis	ICD-10-CM
S41.021A	Laceration with foreign body of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.021D	Laceration with foreign body of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.021S	Laceration with foreign body of right shoulder, sequela	Diagnosis	ICD-10-CM
S41.022	Laceration with foreign body of left shoulder	Diagnosis	ICD-10-CM
S41.022A	Laceration with foreign body of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.022D	Laceration with foreign body of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S41.022S	Laceration with foreign body of left shoulder, sequela	Diagnosis	ICD-10-CM
S41.029	Laceration with foreign body of unspecified shoulder	Diagnosis	ICD-10-CM
S41.029A	Laceration with foreign body of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.029D	Laceration with foreign body of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.029S	Laceration with foreign body of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S41.03	Puncture wound without foreign body of shoulder	Diagnosis	ICD-10-CM
S41.031	Puncture wound without foreign body of right shoulder	Diagnosis	ICD-10-CM
S41.031A	Puncture wound without foreign body of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.031D	Puncture wound without foreign body of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.031S	Puncture wound without foreign body of right shoulder, sequela	Diagnosis	ICD-10-CM
S41.032	Puncture wound without foreign body of left shoulder	Diagnosis	ICD-10-CM
S41.032A	Puncture wound without foreign body of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.032D	Puncture wound without foreign body of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.032S	Puncture wound without foreign body of left shoulder, sequela	Diagnosis	ICD-10-CM
S41.039	Puncture wound without foreign body of unspecified shoulder	Diagnosis	ICD-10-CM
S41.039A	Puncture wound without foreign body of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.039D	Puncture wound without foreign body of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.039S	Puncture wound without foreign body of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S41.04	Puncture wound with foreign body of shoulder	Diagnosis	ICD-10-CM
S41.041	Puncture wound with foreign body of right shoulder	Diagnosis	ICD-10-CM
S41.041A	Puncture wound with foreign body of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.041D	Puncture wound with foreign body of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.041S	Puncture wound with foreign body of right shoulder, sequela	Diagnosis	ICD-10-CM
S41.042	Puncture wound with foreign body of left shoulder	Diagnosis	ICD-10-CM
S41.042A	Puncture wound with foreign body of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.042D	Puncture wound with foreign body of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.042S	Puncture wound with foreign body of left shoulder, sequela	Diagnosis	ICD-10-CM
S41.049	Puncture wound with foreign body of unspecified shoulder	Diagnosis	ICD-10-CM
S41.049A	Puncture wound with foreign body of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.049D	Puncture wound with foreign body of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.049S	Puncture wound with foreign body of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S41.05	Open bite of shoulder	Diagnosis	ICD-10-CM
S41.051	Open bite of right shoulder	Diagnosis	ICD-10-CM
S41.051A	Open bite of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.051D	Open bite of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.051S	Open bite of right shoulder, sequela	Diagnosis	ICD-10-CM
S41.052	Open bite of left shoulder	Diagnosis	ICD-10-CM
S41.052A	Open bite of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.052D	Open bite of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S41.052S	Open bite of left shoulder, sequela	Diagnosis	ICD-10-CM
S41.059	Open bite of unspecified shoulder	Diagnosis	ICD-10-CM
S41.059A	Open bite of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S41.059D	Open bite of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S41.059S	Open bite of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S41.1	Open wound of upper arm	Diagnosis	ICD-10-CM
S41.10	Unspecified open wound of upper arm	Diagnosis	ICD-10-CM
S41.101	Unspecified open wound of right upper arm	Diagnosis	ICD-10-CM
S41.101A	Unspecified open wound of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.101D	Unspecified open wound of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.101S	Unspecified open wound of right upper arm, sequela	Diagnosis	ICD-10-CM
S41.102	Unspecified open wound of left upper arm	Diagnosis	ICD-10-CM
S41.102A	Unspecified open wound of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.102D	Unspecified open wound of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.102S	Unspecified open wound of left upper arm, sequela	Diagnosis	ICD-10-CM
S41.109	Unspecified open wound of unspecified upper arm	Diagnosis	ICD-10-CM
S41.109A	Unspecified open wound of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.109D	Unspecified open wound of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.109S	Unspecified open wound of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S41.11	Laceration without foreign body of upper arm	Diagnosis	ICD-10-CM
S41.111	Laceration without foreign body of right upper arm	Diagnosis	ICD-10-CM
S41.111A	Laceration without foreign body of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.111D	Laceration without foreign body of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.111S	Laceration without foreign body of right upper arm, sequela	Diagnosis	ICD-10-CM
S41.112	Laceration without foreign body of left upper arm	Diagnosis	ICD-10-CM
S41.112A	Laceration without foreign body of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.112D	Laceration without foreign body of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.112S	Laceration without foreign body of left upper arm, sequela	Diagnosis	ICD-10-CM
S41.119	Laceration without foreign body of unspecified upper arm	Diagnosis	ICD-10-CM
S41.119A	Laceration without foreign body of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.119D	Laceration without foreign body of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.119S	Laceration without foreign body of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S41.12	Laceration with foreign body of upper arm	Diagnosis	ICD-10-CM
S41.121	Laceration with foreign body of right upper arm	Diagnosis	ICD-10-CM
S41.121A	Laceration with foreign body of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.121D	Laceration with foreign body of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.121S	Laceration with foreign body of right upper arm, sequela	Diagnosis	ICD-10-CM
S41.122	Laceration with foreign body of left upper arm	Diagnosis	ICD-10-CM
S41.122A	Laceration with foreign body of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.122D	Laceration with foreign body of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.122S	Laceration with foreign body of left upper arm, sequela	Diagnosis	ICD-10-CM
S41.129	Laceration with foreign body of unspecified upper arm	Diagnosis	ICD-10-CM
S41.129A	Laceration with foreign body of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.129D	Laceration with foreign body of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.129S	Laceration with foreign body of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S41.13	Puncture wound without foreign body of upper arm	Diagnosis	ICD-10-CM
S41.131	Puncture wound without foreign body of right upper arm	Diagnosis	ICD-10-CM
S41.131A	Puncture wound without foreign body of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.131D	Puncture wound without foreign body of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S41.131S	Puncture wound without foreign body of right upper arm, sequela	Diagnosis	ICD-10-CM
S41.132	Puncture wound without foreign body of left upper arm	Diagnosis	ICD-10-CM
S41.132A	Puncture wound without foreign body of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.132D	Puncture wound without foreign body of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.132S	Puncture wound without foreign body of left upper arm, sequela	Diagnosis	ICD-10-CM
S41.139	Puncture wound without foreign body of unspecified upper arm	Diagnosis	ICD-10-CM
S41.139A	Puncture wound without foreign body of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.139D	Puncture wound without foreign body of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.139S	Puncture wound without foreign body of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S41.14	Puncture wound with foreign body of upper arm	Diagnosis	ICD-10-CM
S41.141	Puncture wound with foreign body of right upper arm	Diagnosis	ICD-10-CM
S41.141A	Puncture wound with foreign body of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.141D	Puncture wound with foreign body of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.141S	Puncture wound with foreign body of right upper arm, sequela	Diagnosis	ICD-10-CM
S41.142	Puncture wound with foreign body of left upper arm	Diagnosis	ICD-10-CM
S41.142A	Puncture wound with foreign body of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.142D	Puncture wound with foreign body of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.142S	Puncture wound with foreign body of left upper arm, sequela	Diagnosis	ICD-10-CM
S41.149	Puncture wound with foreign body of unspecified upper arm	Diagnosis	ICD-10-CM
S41.149A	Puncture wound with foreign body of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.149D	Puncture wound with foreign body of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.149S	Puncture wound with foreign body of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S41.15	Open bite of upper arm	Diagnosis	ICD-10-CM
S41.151	Open bite of right upper arm	Diagnosis	ICD-10-CM
S41.151A	Open bite of right upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.151D	Open bite of right upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.151S	Open bite of right upper arm, sequela	Diagnosis	ICD-10-CM
S41.152	Open bite of left upper arm	Diagnosis	ICD-10-CM
S41.152A	Open bite of left upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.152D	Open bite of left upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.152S	Open bite of left upper arm, sequela	Diagnosis	ICD-10-CM
S41.159	Open bite of unspecified upper arm	Diagnosis	ICD-10-CM
S41.159A	Open bite of unspecified upper arm, initial encounter	Diagnosis	ICD-10-CM
S41.159D	Open bite of unspecified upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S41.159S	Open bite of unspecified upper arm, sequela	Diagnosis	ICD-10-CM
S42	Fracture of shoulder and upper arm	Diagnosis	ICD-10-CM
S42.0	Fracture of clavicle	Diagnosis	ICD-10-CM
S42.00	Fracture of unspecified part of clavicle	Diagnosis	ICD-10-CM
S42.001	Fracture of unspecified part of right clavicle	Diagnosis	ICD-10-CM
S42.001A	Fracture of unspecified part of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.001B	Fracture of unspecified part of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.001D	Fracture of unspecified part of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.001G	Fracture of unspecified part of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.001K	Fracture of unspecified part of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.001P	Fracture of unspecified part of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.001S	Fracture of unspecified part of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.002	Fracture of unspecified part of left clavicle	Diagnosis	ICD-10-CM
S42.002A	Fracture of unspecified part of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.002B	Fracture of unspecified part of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.002D	Fracture of unspecified part of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.002G	Fracture of unspecified part of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.002K	Fracture of unspecified part of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.002P	Fracture of unspecified part of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.002S	Fracture of unspecified part of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.009	Fracture of unspecified part of unspecified clavicle	Diagnosis	ICD-10-CM
S42.009A	Fracture of unspecified part of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.009B	Fracture of unspecified part of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.009D	Fracture of unspecified part of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.009G	Fracture of unspecified part of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.009K	Fracture of unspecified part of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.009P	Fracture of unspecified part of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.009S	Fracture of unspecified part of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.01	Fracture of sternal end of clavicle	Diagnosis	ICD-10-CM
S42.011	Anterior displaced fracture of sternal end of right clavicle	Diagnosis	ICD-10-CM
S42.011A	Anterior displaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.011B	Anterior displaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.011D	Anterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.011G	Anterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.011K	Anterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.011P	Anterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.011S	Anterior displaced fracture of sternal end of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.012	Anterior displaced fracture of sternal end of left clavicle	Diagnosis	ICD-10-CM
S42.012A	Anterior displaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.012B	Anterior displaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.012D	Anterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.012G	Anterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.012K	Anterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.012P	Anterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.012S	Anterior displaced fracture of sternal end of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.013	Anterior displaced fracture of sternal end of unspecified clavicle	Diagnosis	ICD-10-CM
S42.013A	Anterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.013B	Anterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.013D	Anterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.013G	Anterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.013K	Anterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.013P	Anterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.013S	Anterior displaced fracture of sternal end of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.014	Posterior displaced fracture of sternal end of right clavicle	Diagnosis	ICD-10-CM
S42.014A	Posterior displaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.014B	Posterior displaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.014D	Posterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.014G	Posterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.014K	Posterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.014P	Posterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.014S	Posterior displaced fracture of sternal end of right clavicle, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.015	Posterior displaced fracture of sternal end of left clavicle	Diagnosis	ICD-10-CM
S42.015A	Posterior displaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.015B	Posterior displaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.015D	Posterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.015G	Posterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.015K	Posterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.015P	Posterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.015S	Posterior displaced fracture of sternal end of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.016	Posterior displaced fracture of sternal end of unspecified clavicle	Diagnosis	ICD-10-CM
S42.016A	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.016B	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.016D	Posterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.016G	Posterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.016K	Posterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.016P	Posterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.016S	Posterior displaced fracture of sternal end of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.017	Nondisplaced fracture of sternal end of right clavicle	Diagnosis	ICD-10-CM
S42.017A	Nondisplaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.017B	Nondisplaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.017D	Nondisplaced fracture of sternal end of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.017G	Nondisplaced fracture of sternal end of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.017K	Nondisplaced fracture of sternal end of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.017P	Nondisplaced fracture of sternal end of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.017S	Nondisplaced fracture of sternal end of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.018	Nondisplaced fracture of sternal end of left clavicle	Diagnosis	ICD-10-CM
S42.018A	Nondisplaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.018B	Nondisplaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.018D	Nondisplaced fracture of sternal end of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.018G	Nondisplaced fracture of sternal end of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.018K	Nondisplaced fracture of sternal end of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.018P	Nondisplaced fracture of sternal end of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.018S	Nondisplaced fracture of sternal end of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.019	Nondisplaced fracture of sternal end of unspecified clavicle	Diagnosis	ICD-10-CM
S42.019A	Nondisplaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.019B	Nondisplaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.019D	Nondisplaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.019G	Nondisplaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.019K	Nondisplaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.019P	Nondisplaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.019S	Nondisplaced fracture of sternal end of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.02	Fracture of shaft of clavicle	Diagnosis	ICD-10-CM
S42.021	Displaced fracture of shaft of right clavicle	Diagnosis	ICD-10-CM
S42.021A	Displaced fracture of shaft of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.021B	Displaced fracture of shaft of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.021D	Displaced fracture of shaft of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.021G	Displaced fracture of shaft of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.021K	Displaced fracture of shaft of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.021P	Displaced fracture of shaft of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.021S	Displaced fracture of shaft of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.022	Displaced fracture of shaft of left clavicle	Diagnosis	ICD-10-CM
S42.022A	Displaced fracture of shaft of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.022B	Displaced fracture of shaft of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.022D	Displaced fracture of shaft of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.022G	Displaced fracture of shaft of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.022K	Displaced fracture of shaft of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.022P	Displaced fracture of shaft of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.022S	Displaced fracture of shaft of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.023	Displaced fracture of shaft of unspecified clavicle	Diagnosis	ICD-10-CM
S42.023A	Displaced fracture of shaft of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.023B	Displaced fracture of shaft of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.023D	Displaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.023G	Displaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.023K	Displaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.023P	Displaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.023S	Displaced fracture of shaft of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.024	Nondisplaced fracture of shaft of right clavicle	Diagnosis	ICD-10-CM
S42.024A	Nondisplaced fracture of shaft of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.024B	Nondisplaced fracture of shaft of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.024D	Nondisplaced fracture of shaft of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.024G	Nondisplaced fracture of shaft of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.024K	Nondisplaced fracture of shaft of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.024P	Nondisplaced fracture of shaft of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.024S	Nondisplaced fracture of shaft of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.025	Nondisplaced fracture of shaft of left clavicle	Diagnosis	ICD-10-CM
S42.025A	Nondisplaced fracture of shaft of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.025B	Nondisplaced fracture of shaft of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.025D	Nondisplaced fracture of shaft of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.025G	Nondisplaced fracture of shaft of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.025K	Nondisplaced fracture of shaft of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.025P	Nondisplaced fracture of shaft of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.025S	Nondisplaced fracture of shaft of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.026	Nondisplaced fracture of shaft of unspecified clavicle	Diagnosis	ICD-10-CM
S42.026A	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.026B	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.026D	Nondisplaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.026G	Nondisplaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.026K	Nondisplaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.026P	Nondisplaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.026S	Nondisplaced fracture of shaft of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.03	Fracture of lateral end of clavicle	Diagnosis	ICD-10-CM
S42.031	Displaced fracture of lateral end of right clavicle	Diagnosis	ICD-10-CM
S42.031A	Displaced fracture of lateral end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.031B	Displaced fracture of lateral end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.031D	Displaced fracture of lateral end of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.031G	Displaced fracture of lateral end of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.031K	Displaced fracture of lateral end of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.031P	Displaced fracture of lateral end of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.031S	Displaced fracture of lateral end of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.032	Displaced fracture of lateral end of left clavicle	Diagnosis	ICD-10-CM
S42.032A	Displaced fracture of lateral end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.032B	Displaced fracture of lateral end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.032D	Displaced fracture of lateral end of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.032G	Displaced fracture of lateral end of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.032K	Displaced fracture of lateral end of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.032P	Displaced fracture of lateral end of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.032S	Displaced fracture of lateral end of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.033	Displaced fracture of lateral end of unspecified clavicle	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.033A	Displaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.033B	Displaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.033D	Displaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.033G	Displaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.033K	Displaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.033P	Displaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.033S	Displaced fracture of lateral end of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.034	Nondisplaced fracture of lateral end of right clavicle	Diagnosis	ICD-10-CM
S42.034A	Nondisplaced fracture of lateral end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.034B	Nondisplaced fracture of lateral end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.034D	Nondisplaced fracture of lateral end of right clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.034G	Nondisplaced fracture of lateral end of right clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.034K	Nondisplaced fracture of lateral end of right clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.034P	Nondisplaced fracture of lateral end of right clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.034S	Nondisplaced fracture of lateral end of right clavicle, sequela	Diagnosis	ICD-10-CM
S42.035	Nondisplaced fracture of lateral end of left clavicle	Diagnosis	ICD-10-CM
S42.035A	Nondisplaced fracture of lateral end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.035B	Nondisplaced fracture of lateral end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.035D	Nondisplaced fracture of lateral end of left clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.035G	Nondisplaced fracture of lateral end of left clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.035K	Nondisplaced fracture of lateral end of left clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.035P	Nondisplaced fracture of lateral end of left clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.035S	Nondisplaced fracture of lateral end of left clavicle, sequela	Diagnosis	ICD-10-CM
S42.036	Nondisplaced fracture of lateral end of unspecified clavicle	Diagnosis	ICD-10-CM
S42.036A	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.036B	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.036D	Nondisplaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.036G	Nondisplaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.036K	Nondisplaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.036P	Nondisplaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.036S	Nondisplaced fracture of lateral end of unspecified clavicle, sequela	Diagnosis	ICD-10-CM
S42.1	Fracture of scapula	Diagnosis	ICD-10-CM
S42.10	Fracture of unspecified part of scapula	Diagnosis	ICD-10-CM
S42.101	Fracture of unspecified part of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.101A	Fracture of unspecified part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.101B	Fracture of unspecified part of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.101D	Fracture of unspecified part of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.101G	Fracture of unspecified part of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.101K	Fracture of unspecified part of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.101P	Fracture of unspecified part of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.101S	Fracture of unspecified part of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.102	Fracture of unspecified part of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.102A	Fracture of unspecified part of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.102B	Fracture of unspecified part of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.102D	Fracture of unspecified part of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.102G	Fracture of unspecified part of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.102K	Fracture of unspecified part of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.102P	Fracture of unspecified part of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.102S	Fracture of unspecified part of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.109	Fracture of unspecified part of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.109A	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.109B	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.109D	Fracture of unspecified part of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.109G	Fracture of unspecified part of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.109K	Fracture of unspecified part of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.109P	Fracture of unspecified part of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.109S	Fracture of unspecified part of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.11	Fracture of body of scapula	Diagnosis	ICD-10-CM
S42.111	Displaced fracture of body of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.111A	Displaced fracture of body of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.111B	Displaced fracture of body of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.111D	Displaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.111G	Displaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.111K	Displaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.111P	Displaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.111S	Displaced fracture of body of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.112	Displaced fracture of body of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.112A	Displaced fracture of body of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.112B	Displaced fracture of body of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.112D	Displaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.112G	Displaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.112K	Displaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.112P	Displaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.112S	Displaced fracture of body of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.113	Displaced fracture of body of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.113A	Displaced fracture of body of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.113B	Displaced fracture of body of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.113D	Displaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.113G	Displaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.113K	Displaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.113P	Displaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.113S	Displaced fracture of body of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.114	Nondisplaced fracture of body of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.114A	Nondisplaced fracture of body of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.114B	Nondisplaced fracture of body of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.114D	Nondisplaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.114G	Nondisplaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.114K	Nondisplaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.114P	Nondisplaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.114S	Nondisplaced fracture of body of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.115	Nondisplaced fracture of body of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.115A	Nondisplaced fracture of body of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.115B	Nondisplaced fracture of body of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.115D	Nondisplaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.115G	Nondisplaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.115K	Nondisplaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.115P	Nondisplaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.115S	Nondisplaced fracture of body of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.116	Nondisplaced fracture of body of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.116A	Nondisplaced fracture of body of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.116B	Nondisplaced fracture of body of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.116D	Nondisplaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.116G	Nondisplaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.116K	Nondisplaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.116P	Nondisplaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.116S	Nondisplaced fracture of body of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.12	Fracture of acromial process	Diagnosis	ICD-10-CM
S42.121	Displaced fracture of acromial process, right shoulder	Diagnosis	ICD-10-CM
S42.121A	Displaced fracture of acromial process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.121B	Displaced fracture of acromial process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.121D	Displaced fracture of acromial process, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.121G	Displaced fracture of acromial process, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.121K	Displaced fracture of acromial process, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.121P	Displaced fracture of acromial process, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.121S	Displaced fracture of acromial process, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.122	Displaced fracture of acromial process, left shoulder	Diagnosis	ICD-10-CM
S42.122A	Displaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.122B	Displaced fracture of acromial process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.122D	Displaced fracture of acromial process, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.122G	Displaced fracture of acromial process, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.122K	Displaced fracture of acromial process, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.122P	Displaced fracture of acromial process, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.122S	Displaced fracture of acromial process, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.123	Displaced fracture of acromial process, unspecified shoulder	Diagnosis	ICD-10-CM
S42.123A	Displaced fracture of acromial process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.123B	Displaced fracture of acromial process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.123D	Displaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.123G	Displaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.123K	Displaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.123P	Displaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.123S	Displaced fracture of acromial process, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.124	Nondisplaced fracture of acromial process, right shoulder	Diagnosis	ICD-10-CM
S42.124A	Nondisplaced fracture of acromial process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.124B	Nondisplaced fracture of acromial process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.124D	Nondisplaced fracture of acromial process, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.124G	Nondisplaced fracture of acromial process, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.124K	Nondisplaced fracture of acromial process, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.124P	Nondisplaced fracture of acromial process, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.124S	Nondisplaced fracture of acromial process, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.125	Nondisplaced fracture of acromial process, left shoulder	Diagnosis	ICD-10-CM
S42.125A	Nondisplaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.125B	Nondisplaced fracture of acromial process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.125D	Nondisplaced fracture of acromial process, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.125G	Nondisplaced fracture of acromial process, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.125K	Nondisplaced fracture of acromial process, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.125P	Nondisplaced fracture of acromial process, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.125S	Nondisplaced fracture of acromial process, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.126	Nondisplaced fracture of acromial process, unspecified shoulder	Diagnosis	ICD-10-CM
S42.126A	Nondisplaced fracture of acromial process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.126B	Nondisplaced fracture of acromial process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.126D	Nondisplaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.126G	Nondisplaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.126K	Nondisplaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.126P	Nondisplaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.126S	Nondisplaced fracture of acromial process, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.13	Fracture of coracoid process	Diagnosis	ICD-10-CM
S42.131	Displaced fracture of coracoid process, right shoulder	Diagnosis	ICD-10-CM
S42.131A	Displaced fracture of coracoid process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.131B	Displaced fracture of coracoid process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.131D	Displaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.131G	Displaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.131K	Displaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.131P	Displaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.131S	Displaced fracture of coracoid process, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.132	Displaced fracture of coracoid process, left shoulder	Diagnosis	ICD-10-CM
S42.132A	Displaced fracture of coracoid process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.132B	Displaced fracture of coracoid process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.132D	Displaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.132G	Displaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.132K	Displaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.132P	Displaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.132S	Displaced fracture of coracoid process, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.133	Displaced fracture of coracoid process, unspecified shoulder	Diagnosis	ICD-10-CM
S42.133A	Displaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.133B	Displaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.133D	Displaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.133G	Displaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.133K	Displaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.133P	Displaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.133S	Displaced fracture of coracoid process, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.134	Nondisplaced fracture of coracoid process, right shoulder	Diagnosis	ICD-10-CM
S42.134A	Nondisplaced fracture of coracoid process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.134B	Nondisplaced fracture of coracoid process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.134D	Nondisplaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.134G	Nondisplaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.134K	Nondisplaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.134P	Nondisplaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.134S	Nondisplaced fracture of coracoid process, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.135	Nondisplaced fracture of coracoid process, left shoulder	Diagnosis	ICD-10-CM
S42.135A	Nondisplaced fracture of coracoid process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.135B	Nondisplaced fracture of coracoid process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.135D	Nondisplaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.135G	Nondisplaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.135K	Nondisplaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.135P	Nondisplaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.135S	Nondisplaced fracture of coracoid process, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.136	Nondisplaced fracture of coracoid process, unspecified shoulder	Diagnosis	ICD-10-CM
S42.136A	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.136B	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.136D	Nondisplaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.136G	Nondisplaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.136K	Nondisplaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.136P	Nondisplaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.136S	Nondisplaced fracture of coracoid process, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.14	Fracture of glenoid cavity of scapula	Diagnosis	ICD-10-CM
S42.141	Displaced fracture of glenoid cavity of scapula, right shoulder	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.141A	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.141B	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.141D	Displaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.141G	Displaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.141K	Displaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.141P	Displaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.141S	Displaced fracture of glenoid cavity of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.142	Displaced fracture of glenoid cavity of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.142A	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.142B	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.142D	Displaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.142G	Displaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.142K	Displaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.142P	Displaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.142S	Displaced fracture of glenoid cavity of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.143	Displaced fracture of glenoid cavity of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.143A	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.143B	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.143D	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.143G	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.143K	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.143P	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.143S	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.144	Nondisplaced fracture of glenoid cavity of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.144A	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.144B	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.144D	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.144G	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.144K	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.144P	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.144S	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.145	Nondisplaced fracture of glenoid cavity of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.145A	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.145B	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.145D	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.145G	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.145K	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.145P	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.145S	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.146	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.146A	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.146B	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.146D	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.146G	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.146K	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.146P	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.146S	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.15	Fracture of neck of scapula	Diagnosis	ICD-10-CM
S42.151	Displaced fracture of neck of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.151A	Displaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.151B	Displaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.151D	Displaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.151G	Displaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.151K	Displaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.151P	Displaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.151S	Displaced fracture of neck of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.152	Displaced fracture of neck of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.152A	Displaced fracture of neck of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.152B	Displaced fracture of neck of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.152D	Displaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.152G	Displaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.152K	Displaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.152P	Displaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.152S	Displaced fracture of neck of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.153	Displaced fracture of neck of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.153A	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.153B	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.153D	Displaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.153G	Displaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.153K	Displaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.153P	Displaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.153S	Displaced fracture of neck of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.154	Nondisplaced fracture of neck of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.154A	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.154B	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.154D	Nondisplaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.154G	Nondisplaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.154K	Nondisplaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.154P	Nondisplaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.154S	Nondisplaced fracture of neck of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.155	Nondisplaced fracture of neck of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.155A	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.155B	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.155D	Nondisplaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.155G	Nondisplaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.155K	Nondisplaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.155P	Nondisplaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.155S	Nondisplaced fracture of neck of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.156	Nondisplaced fracture of neck of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.156A	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.156B	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.156D	Nondisplaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.156G	Nondisplaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.156K	Nondisplaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.156P	Nondisplaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.156S	Nondisplaced fracture of neck of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.19	Fracture of other part of scapula	Diagnosis	ICD-10-CM
S42.191	Fracture of other part of scapula, right shoulder	Diagnosis	ICD-10-CM
S42.191A	Fracture of other part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.191B	Fracture of other part of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.191D	Fracture of other part of scapula, right shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.191G	Fracture of other part of scapula, right shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.191K	Fracture of other part of scapula, right shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.191P	Fracture of other part of scapula, right shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.191S	Fracture of other part of scapula, right shoulder, sequela	Diagnosis	ICD-10-CM
S42.192	Fracture of other part of scapula, left shoulder	Diagnosis	ICD-10-CM
S42.192A	Fracture of other part of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.192B	Fracture of other part of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.192D	Fracture of other part of scapula, left shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.192G	Fracture of other part of scapula, left shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.192K	Fracture of other part of scapula, left shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.192P	Fracture of other part of scapula, left shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.192S	Fracture of other part of scapula, left shoulder, sequela	Diagnosis	ICD-10-CM
S42.199	Fracture of other part of scapula, unspecified shoulder	Diagnosis	ICD-10-CM
S42.199A	Fracture of other part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.199B	Fracture of other part of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.199D	Fracture of other part of scapula, unspecified shoulder, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.199G	Fracture of other part of scapula, unspecified shoulder, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.199K	Fracture of other part of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.199P	Fracture of other part of scapula, unspecified shoulder, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.199S	Fracture of other part of scapula, unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S42.2	Fracture of upper end of humerus	Diagnosis	ICD-10-CM
S42.20	Unspecified fracture of upper end of humerus	Diagnosis	ICD-10-CM
S42.201	Unspecified fracture of upper end of right humerus	Diagnosis	ICD-10-CM
S42.201A	Unspecified fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.201B	Unspecified fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.201D	Unspecified fracture of upper end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.201G	Unspecified fracture of upper end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.201K	Unspecified fracture of upper end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.201P	Unspecified fracture of upper end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.201S	Unspecified fracture of upper end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.202	Unspecified fracture of upper end of left humerus	Diagnosis	ICD-10-CM
S42.202A	Unspecified fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.202B	Unspecified fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.202D	Unspecified fracture of upper end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.202G	Unspecified fracture of upper end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.202K	Unspecified fracture of upper end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.202P	Unspecified fracture of upper end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.202S	Unspecified fracture of upper end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.209	Unspecified fracture of upper end of unspecified humerus	Diagnosis	ICD-10-CM
S42.209A	Unspecified fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.209B	Unspecified fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.209D	Unspecified fracture of upper end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.209G	Unspecified fracture of upper end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.209K	Unspecified fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.209P	Unspecified fracture of upper end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.209S	Unspecified fracture of upper end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.21	Unspecified fracture of surgical neck of humerus	Diagnosis	ICD-10-CM
S42.211	Unspecified displaced fracture of surgical neck of right humerus	Diagnosis	ICD-10-CM
S42.211A	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.211B	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.211D	Unspecified displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.211G	Unspecified displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.211K	Unspecified displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.211P	Unspecified displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.211S	Unspecified displaced fracture of surgical neck of right humerus, sequela	Diagnosis	ICD-10-CM
S42.212	Unspecified displaced fracture of surgical neck of left humerus	Diagnosis	ICD-10-CM
S42.212A	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.212D	Unspecified displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.212G	Unspecified displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.212K	Unspecified displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.212P	Unspecified displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.212S	Unspecified displaced fracture of surgical neck of left humerus, sequela	Diagnosis	ICD-10-CM
S42.213	Unspecified displaced fracture of surgical neck of unspecified humerus	Diagnosis	ICD-10-CM
S42.213A	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.213B	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.213D	Unspecified displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.213G	Unspecified displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.213K	Unspecified displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.213P	Unspecified displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.213S	Unspecified displaced fracture of surgical neck of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.214	Unspecified nondisplaced fracture of surgical neck of right humerus	Diagnosis	ICD-10-CM
S42.214A	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.214B	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.214D	Unspecified nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.214G	Unspecified nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.214K	Unspecified nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.214P	Unspecified nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.214S	Unspecified nondisplaced fracture of surgical neck of right humerus, sequela	Diagnosis	ICD-10-CM
S42.215	Unspecified nondisplaced fracture of surgical neck of left humerus	Diagnosis	ICD-10-CM
S42.215A	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.215B	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.215D	Unspecified nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.215G	Unspecified nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.215K	Unspecified nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.215P	Unspecified nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.215S	Unspecified nondisplaced fracture of surgical neck of left humerus, sequela	Diagnosis	ICD-10-CM
S42.216	Unspecified nondisplaced fracture of surgical neck of unspecified humerus	Diagnosis	ICD-10-CM
S42.216A	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.216B	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.216D	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.216G	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.216K	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.216P	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.216S	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.22	2-part fracture of surgical neck of humerus	Diagnosis	ICD-10-CM
S42.221	2-part displaced fracture of surgical neck of right humerus	Diagnosis	ICD-10-CM
S42.221A	2-part displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.221B	2-part displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.221D	2-part displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.221G	2-part displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.221K	2-part displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.221P	2-part displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.221S	2-part displaced fracture of surgical neck of right humerus, sequela	Diagnosis	ICD-10-CM
S42.222	2-part displaced fracture of surgical neck of left humerus	Diagnosis	ICD-10-CM
S42.222A	2-part displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.222B	2-part displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.222D	2-part displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.222G	2-part displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.222K	2-part displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.222P	2-part displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.222S	2-part displaced fracture of surgical neck of left humerus, sequela	Diagnosis	ICD-10-CM
S42.223	2-part displaced fracture of surgical neck of unspecified humerus	Diagnosis	ICD-10-CM
S42.223A	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.223B	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.223D	2-part displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.223G	2-part displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.223K	2-part displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.223P	2-part displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.223S	2-part displaced fracture of surgical neck of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.224	2-part nondisplaced fracture of surgical neck of right humerus	Diagnosis	ICD-10-CM
S42.224A	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.224B	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.224D	2-part nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.224G	2-part nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.224K	2-part nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.224P	2-part nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.224S	2-part nondisplaced fracture of surgical neck of right humerus, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.225	2-part nondisplaced fracture of surgical neck of left humerus	Diagnosis	ICD-10-CM
S42.225A	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.225B	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.225D	2-part nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.225G	2-part nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.225K	2-part nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.225P	2-part nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.225S	2-part nondisplaced fracture of surgical neck of left humerus, sequela	Diagnosis	ICD-10-CM
S42.226	2-part nondisplaced fracture of surgical neck of unspecified humerus	Diagnosis	ICD-10-CM
S42.226A	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.226D	2-part nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.226G	2-part nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.226K	2-part nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.226P	2-part nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.226S	2-part nondisplaced fracture of surgical neck of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.23	3-part fracture of surgical neck of humerus	Diagnosis	ICD-10-CM
S42.231	3-part fracture of surgical neck of right humerus	Diagnosis	ICD-10-CM
S42.231A	3-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.231B	3-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.231D	3-part fracture of surgical neck of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.231G	3-part fracture of surgical neck of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.231K	3-part fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.231P	3-part fracture of surgical neck of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.231S	3-part fracture of surgical neck of right humerus, sequela	Diagnosis	ICD-10-CM
S42.232	3-part fracture of surgical neck of left humerus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.232A	3-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.232B	3-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.232D	3-part fracture of surgical neck of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.232G	3-part fracture of surgical neck of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.232K	3-part fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.232P	3-part fracture of surgical neck of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.232S	3-part fracture of surgical neck of left humerus, sequela	Diagnosis	ICD-10-CM
S42.239	3-part fracture of surgical neck of unspecified humerus	Diagnosis	ICD-10-CM
S42.239A	3-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.239B	3-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.239D	3-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.239G	3-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.239K	3-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.239P	3-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.239S	3-part fracture of surgical neck of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.24	4-part fracture of surgical neck of humerus	Diagnosis	ICD-10-CM
S42.241	4-part fracture of surgical neck of right humerus	Diagnosis	ICD-10-CM
S42.241A	4-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.241B	4-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.241D	4-part fracture of surgical neck of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.241G	4-part fracture of surgical neck of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.241K	4-part fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.241P	4-part fracture of surgical neck of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.241S	4-part fracture of surgical neck of right humerus, sequela	Diagnosis	ICD-10-CM
S42.242	4-part fracture of surgical neck of left humerus	Diagnosis	ICD-10-CM
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.242D	4-part fracture of surgical neck of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.242G	4-part fracture of surgical neck of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.242K	4-part fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.242P	4-part fracture of surgical neck of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.242S	4-part fracture of surgical neck of left humerus, sequela	Diagnosis	ICD-10-CM
S42.249	4-part fracture of surgical neck of unspecified humerus	Diagnosis	ICD-10-CM
S42.249A	4-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.249B	4-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.249D	4-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.249G	4-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.249K	4-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.249P	4-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.249S	4-part fracture of surgical neck of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.25	Fracture of greater tuberosity of humerus	Diagnosis	ICD-10-CM
S42.251	Displaced fracture of greater tuberosity of right humerus	Diagnosis	ICD-10-CM
S42.251A	Displaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.251B	Displaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.251D	Displaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.251G	Displaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.251K	Displaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.251P	Displaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.251S	Displaced fracture of greater tuberosity of right humerus, sequela	Diagnosis	ICD-10-CM
S42.252	Displaced fracture of greater tuberosity of left humerus	Diagnosis	ICD-10-CM
S42.252A	Displaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.252B	Displaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.252D	Displaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.252G	Displaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.252K	Displaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.252P	Displaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.252S	Displaced fracture of greater tuberosity of left humerus, sequela	Diagnosis	ICD-10-CM
S42.253	Displaced fracture of greater tuberosity of unspecified humerus	Diagnosis	ICD-10-CM
S42.253A	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.253B	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.253D	Displaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.253G	Displaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.253K	Displaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.253P	Displaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.253S	Displaced fracture of greater tuberosity of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.254	Nondisplaced fracture of greater tuberosity of right humerus	Diagnosis	ICD-10-CM
S42.254A	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.254D	Nondisplaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.254G	Nondisplaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.254K	Nondisplaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.254P	Nondisplaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.254S	Nondisplaced fracture of greater tuberosity of right humerus, sequela	Diagnosis	ICD-10-CM
S42.255	Nondisplaced fracture of greater tuberosity of left humerus	Diagnosis	ICD-10-CM
S42.255A	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.255B	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.255D	Nondisplaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.255G	Nondisplaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.255K	Nondisplaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.255P	Nondisplaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.255S	Nondisplaced fracture of greater tuberosity of left humerus, sequela	Diagnosis	ICD-10-CM
S42.256	Nondisplaced fracture of greater tuberosity of unspecified humerus	Diagnosis	ICD-10-CM
S42.256A	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.256B	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.256D	Nondisplaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.256G	Nondisplaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.256K	Nondisplaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.256P	Nondisplaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.256S	Nondisplaced fracture of greater tuberosity of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.26	Fracture of lesser tuberosity of humerus	Diagnosis	ICD-10-CM
S42.261	Displaced fracture of lesser tuberosity of right humerus	Diagnosis	ICD-10-CM
S42.261A	Displaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.261B	Displaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.261D	Displaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.261G	Displaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.261K	Displaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.261P	Displaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.261S	Displaced fracture of lesser tuberosity of right humerus, sequela	Diagnosis	ICD-10-CM
S42.262	Displaced fracture of lesser tuberosity of left humerus	Diagnosis	ICD-10-CM
S42.262A	Displaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.262B	Displaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.262D	Displaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.262G	Displaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.262K	Displaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.262P	Displaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.262S	Displaced fracture of lesser tuberosity of left humerus, sequela	Diagnosis	ICD-10-CM
S42.263	Displaced fracture of lesser tuberosity of unspecified humerus	Diagnosis	ICD-10-CM
S42.263A	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.263B	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.263D	Displaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.263G	Displaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.263K	Displaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.263P	Displaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.263S	Displaced fracture of lesser tuberosity of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.264	Nondisplaced fracture of lesser tuberosity of right humerus	Diagnosis	ICD-10-CM
S42.264A	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.264B	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.264D	Nondisplaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.264G	Nondisplaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.264K	Nondisplaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.264P	Nondisplaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.264S	Nondisplaced fracture of lesser tuberosity of right humerus, sequela	Diagnosis	ICD-10-CM
S42.265	Nondisplaced fracture of lesser tuberosity of left humerus	Diagnosis	ICD-10-CM
S42.265A	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.265B	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.265D	Nondisplaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.265G	Nondisplaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.265K	Nondisplaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.265P	Nondisplaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.265S	Nondisplaced fracture of lesser tuberosity of left humerus, sequela	Diagnosis	ICD-10-CM
S42.266	Nondisplaced fracture of lesser tuberosity of unspecified humerus	Diagnosis	ICD-10-CM
S42.266A	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.266B	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.266D	Nondisplaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.266G	Nondisplaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.266K	Nondisplaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.266P	Nondisplaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.266S	Nondisplaced fracture of lesser tuberosity of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.27	Torus fracture of upper end of humerus	Diagnosis	ICD-10-CM
S42.271	Torus fracture of upper end of right humerus	Diagnosis	ICD-10-CM
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.271D	Torus fracture of upper end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.271G	Torus fracture of upper end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.271K	Torus fracture of upper end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.271P	Torus fracture of upper end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.271S	Torus fracture of upper end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.272	Torus fracture of upper end of left humerus	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272D	Torus fracture of upper end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.272G	Torus fracture of upper end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.272K	Torus fracture of upper end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.272P	Torus fracture of upper end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.272S	Torus fracture of upper end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.279	Torus fracture of upper end of unspecified humerus	Diagnosis	ICD-10-CM
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.279D	Torus fracture of upper end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.279G	Torus fracture of upper end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.279K	Torus fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.279P	Torus fracture of upper end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.279S	Torus fracture of upper end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.29	Other fracture of upper end of humerus	Diagnosis	ICD-10-CM
S42.291	Other displaced fracture of upper end of right humerus	Diagnosis	ICD-10-CM
S42.291A	Other displaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.291B	Other displaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.291D	Other displaced fracture of upper end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.291G	Other displaced fracture of upper end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.291K	Other displaced fracture of upper end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.291P	Other displaced fracture of upper end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.291S	Other displaced fracture of upper end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.292	Other displaced fracture of upper end of left humerus	Diagnosis	ICD-10-CM
S42.292A	Other displaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.292B	Other displaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.292D	Other displaced fracture of upper end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.292G	Other displaced fracture of upper end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.292K	Other displaced fracture of upper end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.292P	Other displaced fracture of upper end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.292S	Other displaced fracture of upper end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.293	Other displaced fracture of upper end of unspecified humerus	Diagnosis	ICD-10-CM
S42.293A	Other displaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.293B	Other displaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.293D	Other displaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.293G	Other displaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.293K	Other displaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.293P	Other displaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.293S	Other displaced fracture of upper end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.294	Other nondisplaced fracture of upper end of right humerus	Diagnosis	ICD-10-CM
S42.294A	Other nondisplaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.294B	Other nondisplaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.294D	Other nondisplaced fracture of upper end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.294G	Other nondisplaced fracture of upper end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.294K	Other nondisplaced fracture of upper end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.294P	Other nondisplaced fracture of upper end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.294S	Other nondisplaced fracture of upper end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.295	Other nondisplaced fracture of upper end of left humerus	Diagnosis	ICD-10-CM
S42.295A	Other nondisplaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.295B	Other nondisplaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.295D	Other nondisplaced fracture of upper end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.295G	Other nondisplaced fracture of upper end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.295K	Other nondisplaced fracture of upper end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.295P	Other nondisplaced fracture of upper end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.295S	Other nondisplaced fracture of upper end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.296	Other nondisplaced fracture of upper end of unspecified humerus	Diagnosis	ICD-10-CM
S42.296A	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.296B	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.296D	Other nondisplaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.296G	Other nondisplaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.296K	Other nondisplaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.296P	Other nondisplaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.296S	Other nondisplaced fracture of upper end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.3	Fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.30	Unspecified fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.301	Unspecified fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.301A	Unspecified fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.301B	Unspecified fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.301D	Unspecified fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.301G	Unspecified fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.301K	Unspecified fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.301P	Unspecified fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.301S	Unspecified fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.302	Unspecified fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.302A	Unspecified fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.302B	Unspecified fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.302D	Unspecified fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.302G	Unspecified fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.302K	Unspecified fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.302P	Unspecified fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.302S	Unspecified fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.309	Unspecified fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.309A	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.309B	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.309D	Unspecified fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.309G	Unspecified fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.309K	Unspecified fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.309P	Unspecified fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.309S	Unspecified fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.31	Greenstick fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.311	Greenstick fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.311D	Greenstick fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.311G	Greenstick fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.311K	Greenstick fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.311P	Greenstick fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.311S	Greenstick fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.312	Greenstick fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.312D	Greenstick fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.312G	Greenstick fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.312K	Greenstick fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.312P	Greenstick fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.312S	Greenstick fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.319	Greenstick fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.319D	Greenstick fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.319G	Greenstick fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.319K	Greenstick fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.319P	Greenstick fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.319S	Greenstick fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.32	Transverse fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.321	Displaced transverse fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.321A	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.321B	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.321D	Displaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.321G	Displaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.321K	Displaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.321P	Displaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.321S	Displaced transverse fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.322	Displaced transverse fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.322A	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.322B	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.322D	Displaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.322G	Displaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.322K	Displaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.322P	Displaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.322S	Displaced transverse fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.323	Displaced transverse fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.323A	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.323B	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.323D	Displaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.323G	Displaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.323K	Displaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.323P	Displaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.323S	Displaced transverse fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.324	Nondisplaced transverse fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.324D	Nondisplaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.324G	Nondisplaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.324K	Nondisplaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.324P	Nondisplaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.324S	Nondisplaced transverse fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.325	Nondisplaced transverse fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.325A	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.325B	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.325D	Nondisplaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.325G	Nondisplaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.325K	Nondisplaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.325P	Nondisplaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.325S	Nondisplaced transverse fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.326	Nondisplaced transverse fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.326A	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.326B	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.326D	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.326G	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.326K	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.326P	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.326S	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.33	Oblique fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.331	Displaced oblique fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.331A	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.331B	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.331D	Displaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.331G	Displaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.331K	Displaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.331P	Displaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.331S	Displaced oblique fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.332	Displaced oblique fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.332A	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.332B	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.332D	Displaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.332G	Displaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.332K	Displaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.332P	Displaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.332S	Displaced oblique fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.333	Displaced oblique fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.333A	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.333B	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.333D	Displaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.333G	Displaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.333K	Displaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.333P	Displaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.333S	Displaced oblique fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.334	Nondisplaced oblique fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.334A	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.334B	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.334D	Nondisplaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.334G	Nondisplaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.334K	Nondisplaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.334P	Nondisplaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.334S	Nondisplaced oblique fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.335	Nondisplaced oblique fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.335A	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.335B	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.335D	Nondisplaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.335G	Nondisplaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.335K	Nondisplaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.335P	Nondisplaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.335S	Nondisplaced oblique fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.336	Nondisplaced oblique fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.336A	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.336B	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.336D	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.336G	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.336K	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.336P	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.336S	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.34	Spiral fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.341	Displaced spiral fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.341A	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.341B	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.341D	Displaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.341G	Displaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.341K	Displaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.341P	Displaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.341S	Displaced spiral fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.342	Displaced spiral fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.342A	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.342B	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.342D	Displaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.342G	Displaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.342K	Displaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.342P	Displaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.342S	Displaced spiral fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.343	Displaced spiral fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.343A	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.343B	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.343D	Displaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.343G	Displaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.343K	Displaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.343P	Displaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.343S	Displaced spiral fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.344	Nondisplaced spiral fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.344A	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.344B	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.344D	Nondisplaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.344G	Nondisplaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.344K	Nondisplaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.344P	Nondisplaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.344S	Nondisplaced spiral fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.345	Nondisplaced spiral fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.345A	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.345B	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.345D	Nondisplaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.345G	Nondisplaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.345K	Nondisplaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.345P	Nondisplaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.345S	Nondisplaced spiral fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.346	Nondisplaced spiral fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.346A	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.346B	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.346D	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.346G	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.346K	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.346P	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.346S	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.35	Comminuted fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.351	Displaced comminuted fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.351A	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.351B	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.351D	Displaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.351G	Displaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.351K	Displaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.351P	Displaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.351S	Displaced comminuted fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.352	Displaced comminuted fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.352A	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.352B	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.352D	Displaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.352G	Displaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.352K	Displaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.352P	Displaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.352S	Displaced comminuted fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.353	Displaced comminuted fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.353A	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.353B	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.353D	Displaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.353G	Displaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.353K	Displaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.353P	Displaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.353S	Displaced comminuted fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.354	Nondisplaced comminuted fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.354A	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.354B	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.354D	Nondisplaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.354G	Nondisplaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.354K	Nondisplaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.354P	Nondisplaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.354S	Nondisplaced comminuted fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.355	Nondisplaced comminuted fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.355A	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.355B	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.355D	Nondisplaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.355G	Nondisplaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.355K	Nondisplaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.355P	Nondisplaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.355S	Nondisplaced comminuted fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.356	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.356A	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.356B	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.356D	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.356G	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.356K	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.356P	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.356S	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.36	Segmental fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.361	Displaced segmental fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.361A	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.361B	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.361D	Displaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.361G	Displaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.361K	Displaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.361P	Displaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.361S	Displaced segmental fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.362	Displaced segmental fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.362A	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.362B	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.362D	Displaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.362G	Displaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.362K	Displaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.362P	Displaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.362S	Displaced segmental fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.363	Displaced segmental fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.363A	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.363B	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.363D	Displaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.363G	Displaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.363K	Displaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.363P	Displaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.363S	Displaced segmental fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.364	Nondisplaced segmental fracture of shaft of humerus, right arm	Diagnosis	ICD-10-CM
S42.364A	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.364B	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.364D	Nondisplaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.364G	Nondisplaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.364K	Nondisplaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.364P	Nondisplaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.364S	Nondisplaced segmental fracture of shaft of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S42.365	Nondisplaced segmental fracture of shaft of humerus, left arm	Diagnosis	ICD-10-CM
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.365D	Nondisplaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.365G	Nondisplaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.365K	Nondisplaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.365P	Nondisplaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.365S	Nondisplaced segmental fracture of shaft of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S42.366	Nondisplaced segmental fracture of shaft of humerus, unspecified arm	Diagnosis	ICD-10-CM
S42.366A	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.366B	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.366D	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.366G	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.366K	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.366P	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.366S	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S42.39	Other fracture of shaft of humerus	Diagnosis	ICD-10-CM
S42.391	Other fracture of shaft of right humerus	Diagnosis	ICD-10-CM
S42.391A	Other fracture of shaft of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.391B	Other fracture of shaft of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.391D	Other fracture of shaft of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.391G	Other fracture of shaft of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.391K	Other fracture of shaft of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.391P	Other fracture of shaft of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.391S	Other fracture of shaft of right humerus, sequela	Diagnosis	ICD-10-CM
S42.392	Other fracture of shaft of left humerus	Diagnosis	ICD-10-CM
S42.392A	Other fracture of shaft of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.392B	Other fracture of shaft of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.392D	Other fracture of shaft of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.392G	Other fracture of shaft of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.392K	Other fracture of shaft of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.392P	Other fracture of shaft of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.392S	Other fracture of shaft of left humerus, sequela	Diagnosis	ICD-10-CM
S42.399	Other fracture of shaft of unspecified humerus	Diagnosis	ICD-10-CM
S42.399A	Other fracture of shaft of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.399B	Other fracture of shaft of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.399D	Other fracture of shaft of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.399G	Other fracture of shaft of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.399K	Other fracture of shaft of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.399P	Other fracture of shaft of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.399S	Other fracture of shaft of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.4	Fracture of lower end of humerus	Diagnosis	ICD-10-CM
S42.40	Unspecified fracture of lower end of humerus	Diagnosis	ICD-10-CM
S42.401	Unspecified fracture of lower end of right humerus	Diagnosis	ICD-10-CM
S42.401A	Unspecified fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.401B	Unspecified fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.401D	Unspecified fracture of lower end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.401G	Unspecified fracture of lower end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.401K	Unspecified fracture of lower end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.401P	Unspecified fracture of lower end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.401S	Unspecified fracture of lower end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.402	Unspecified fracture of lower end of left humerus	Diagnosis	ICD-10-CM
S42.402A	Unspecified fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.402B	Unspecified fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.402D	Unspecified fracture of lower end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.402G	Unspecified fracture of lower end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.402K	Unspecified fracture of lower end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.402P	Unspecified fracture of lower end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.402S	Unspecified fracture of lower end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.409	Unspecified fracture of lower end of unspecified humerus	Diagnosis	ICD-10-CM
S42.409A	Unspecified fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.409B	Unspecified fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.409D	Unspecified fracture of lower end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.409G	Unspecified fracture of lower end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.409K	Unspecified fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.409P	Unspecified fracture of lower end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.409S	Unspecified fracture of lower end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.41	Simple supracondylar fracture without intercondylar fracture of humerus	Diagnosis	ICD-10-CM
S42.411	Displaced simple supracondylar fracture without intercondylar fracture of right humerus	Diagnosis	ICD-10-CM
S42.411A	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.411B	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.411D	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.411G	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.411K	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.411P	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.411S	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, sequela	Diagnosis	ICD-10-CM
S42.412	Displaced simple supracondylar fracture without intercondylar fracture of left humerus	Diagnosis	ICD-10-CM
S42.412A	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.412B	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.412D	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.412G	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.412K	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.412P	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.412S	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, sequela	Diagnosis	ICD-10-CM
S42.413	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus	Diagnosis	ICD-10-CM
S42.413A	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.413B	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.413D	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.413G	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.413K	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.413P	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.413S	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.414	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus	Diagnosis	ICD-10-CM
S42.414A	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.414B	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.414D	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.414G	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.414K	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.414P	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.414S	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, sequela	Diagnosis	ICD-10-CM
S42.415	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus	Diagnosis	ICD-10-CM
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.415D	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.415G	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.415K	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.415P	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.415S	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, sequela	Diagnosis	ICD-10-CM
S42.416	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus	Diagnosis	ICD-10-CM
S42.416A	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.416B	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.416D	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.416G	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.416K	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.416P	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.416S	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.42	Comminuted supracondylar fracture without intercondylar fracture of humerus	Diagnosis	ICD-10-CM
S42.421	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus	Diagnosis	ICD-10-CM
S42.421A	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.421B	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.421D	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.421G	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.421K	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.421P	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.421S	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.422	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus	Diagnosis	ICD-10-CM
S42.422A	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.422B	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.422D	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.422G	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.422K	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.422P	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.422S	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, sequela	Diagnosis	ICD-10-CM
S42.423	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus	Diagnosis	ICD-10-CM
S42.423A	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.423B	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.423D	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.423G	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.423K	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.423P	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.423S	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.424	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus	Diagnosis	ICD-10-CM
S42.424A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.424B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.424D	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.424G	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.424K	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.424P	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.424S	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, sequela	Diagnosis	ICD-10-CM
S42.425	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus	Diagnosis	ICD-10-CM
S42.425A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.425B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.425D	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.425G	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.425K	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.425P	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.425S	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, sequela	Diagnosis	ICD-10-CM
S42.426	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus	Diagnosis	ICD-10-CM
S42.426A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.426B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.426D	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.426G	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.426K	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.426P	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.426S	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.43	Fracture (avulsion) of lateral epicondyle of humerus	Diagnosis	ICD-10-CM
S42.431	Displaced fracture (avulsion) of lateral epicondyle of right humerus	Diagnosis	ICD-10-CM
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.431D	Displaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.431G	Displaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.431K	Displaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.431P	Displaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.431S	Displaced fracture (avulsion) of lateral epicondyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.432	Displaced fracture (avulsion) of lateral epicondyle of left humerus	Diagnosis	ICD-10-CM
S42.432A	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.432B	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.432D	Displaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.432G	Displaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.432K	Displaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.432P	Displaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.432S	Displaced fracture (avulsion) of lateral epicondyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.433	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.433A	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.433B	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.433D	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.433G	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.433K	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.433P	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.433S	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.434	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus	Diagnosis	ICD-10-CM
S42.434A	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.434B	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.434D	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.434G	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.434K	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.434P	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.434S	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.435	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus	Diagnosis	ICD-10-CM
S42.435A	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.435B	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.435D	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.435G	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.435K	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.435P	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.435S	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.436	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.436A	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.436B	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.436D	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.436G	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.436K	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.436P	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.436S	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.44	Fracture (avulsion) of medial epicondyle of humerus	Diagnosis	ICD-10-CM
S42.441	Displaced fracture (avulsion) of medial epicondyle of right humerus	Diagnosis	ICD-10-CM
S42.441A	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.441B	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.441D	Displaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.441G	Displaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.441K	Displaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.441P	Displaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.441S	Displaced fracture (avulsion) of medial epicondyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.442	Displaced fracture (avulsion) of medial epicondyle of left humerus	Diagnosis	ICD-10-CM
S42.442A	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.442B	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.442D	Displaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.442G	Displaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.442K	Displaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.442P	Displaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.442S	Displaced fracture (avulsion) of medial epicondyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.443	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.443A	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.443B	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.443D	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.443G	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.443K	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.443P	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.443S	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.444	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus	Diagnosis	ICD-10-CM
S42.444A	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.444B	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.444D	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.444G	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.444K	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.444P	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.444S	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.445	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus	Diagnosis	ICD-10-CM
S42.445A	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.445B	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.445D	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.445G	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.445K	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.445P	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.445S	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.446	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.446A	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.446B	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.446D	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.446G	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.446K	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.446P	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.446S	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.447	Incarcerated fracture (avulsion) of medial epicondyle of right humerus	Diagnosis	ICD-10-CM
S42.447A	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.447B	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.447D	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.447G	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.447K	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.447P	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.447S	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.448	Incarcerated fracture (avulsion) of medial epicondyle of left humerus	Diagnosis	ICD-10-CM
S42.448A	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.448B	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.448D	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.448G	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.448K	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.448P	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.448S	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.449	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.449A	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.449B	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.449D	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.449G	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.449K	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.449P	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.449S	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.45	Fracture of lateral condyle of humerus	Diagnosis	ICD-10-CM
S42.451	Displaced fracture of lateral condyle of right humerus	Diagnosis	ICD-10-CM
S42.451A	Displaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.451B	Displaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.451D	Displaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.451G	Displaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.451K	Displaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.451P	Displaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.451S	Displaced fracture of lateral condyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.452	Displaced fracture of lateral condyle of left humerus	Diagnosis	ICD-10-CM
S42.452A	Displaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.452B	Displaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.452D	Displaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.452G	Displaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.452K	Displaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.452P	Displaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.452S	Displaced fracture of lateral condyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.453	Displaced fracture of lateral condyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.453A	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.453B	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.453D	Displaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.453G	Displaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.453K	Displaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.453P	Displaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.453S	Displaced fracture of lateral condyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.454	Nondisplaced fracture of lateral condyle of right humerus	Diagnosis	ICD-10-CM
S42.454A	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.454B	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.454D	Nondisplaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.454G	Nondisplaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.454K	Nondisplaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.454P	Nondisplaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.454S	Nondisplaced fracture of lateral condyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.455	Nondisplaced fracture of lateral condyle of left humerus	Diagnosis	ICD-10-CM
S42.455A	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.455B	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.455D	Nondisplaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.455G	Nondisplaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.455K	Nondisplaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.455P	Nondisplaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.455S	Nondisplaced fracture of lateral condyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.456	Nondisplaced fracture of lateral condyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.456A	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.456B	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.456D	Nondisplaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.456G	Nondisplaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.456K	Nondisplaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.456P	Nondisplaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.456S	Nondisplaced fracture of lateral condyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.46	Fracture of medial condyle of humerus	Diagnosis	ICD-10-CM
S42.461	Displaced fracture of medial condyle of right humerus	Diagnosis	ICD-10-CM
S42.461A	Displaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.461B	Displaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.461D	Displaced fracture of medial condyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.461G	Displaced fracture of medial condyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.461K	Displaced fracture of medial condyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.461P	Displaced fracture of medial condyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.461S	Displaced fracture of medial condyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.462	Displaced fracture of medial condyle of left humerus	Diagnosis	ICD-10-CM
S42.462A	Displaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.462B	Displaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.462D	Displaced fracture of medial condyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.462G	Displaced fracture of medial condyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.462K	Displaced fracture of medial condyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.462P	Displaced fracture of medial condyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.462S	Displaced fracture of medial condyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.463	Displaced fracture of medial condyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.463A	Displaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.463B	Displaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.463D	Displaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.463G	Displaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.463K	Displaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.463P	Displaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.463S	Displaced fracture of medial condyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.464	Nondisplaced fracture of medial condyle of right humerus	Diagnosis	ICD-10-CM
S42.464A	Nondisplaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.464B	Nondisplaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.464D	Nondisplaced fracture of medial condyle of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.464G	Nondisplaced fracture of medial condyle of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.464K	Nondisplaced fracture of medial condyle of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.464P	Nondisplaced fracture of medial condyle of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.464S	Nondisplaced fracture of medial condyle of right humerus, sequela	Diagnosis	ICD-10-CM
S42.465	Nondisplaced fracture of medial condyle of left humerus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S42.465A	Nondisplaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.465B	Nondisplaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.465D	Nondisplaced fracture of medial condyle of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.465G	Nondisplaced fracture of medial condyle of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.465K	Nondisplaced fracture of medial condyle of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.465P	Nondisplaced fracture of medial condyle of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.465S	Nondisplaced fracture of medial condyle of left humerus, sequela	Diagnosis	ICD-10-CM
S42.466	Nondisplaced fracture of medial condyle of unspecified humerus	Diagnosis	ICD-10-CM
S42.466A	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.466B	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.466D	Nondisplaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.466G	Nondisplaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.466K	Nondisplaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.466P	Nondisplaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.466S	Nondisplaced fracture of medial condyle of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.47	Transcondylar fracture of humerus	Diagnosis	ICD-10-CM
S42.471	Displaced transcondylar fracture of right humerus	Diagnosis	ICD-10-CM
S42.471A	Displaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.471B	Displaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.471D	Displaced transcondylar fracture of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.471G	Displaced transcondylar fracture of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.471K	Displaced transcondylar fracture of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.471P	Displaced transcondylar fracture of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.471S	Displaced transcondylar fracture of right humerus, sequela	Diagnosis	ICD-10-CM
S42.472	Displaced transcondylar fracture of left humerus	Diagnosis	ICD-10-CM
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.472D	Displaced transcondylar fracture of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.472G	Displaced transcondylar fracture of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.472K	Displaced transcondylar fracture of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.472P	Displaced transcondylar fracture of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.472S	Displaced transcondylar fracture of left humerus, sequela	Diagnosis	ICD-10-CM
S42.473	Displaced transcondylar fracture of unspecified humerus	Diagnosis	ICD-10-CM
S42.473A	Displaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.473B	Displaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.473D	Displaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.473G	Displaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.473K	Displaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.473P	Displaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.473S	Displaced transcondylar fracture of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.474	Nondisplaced transcondylar fracture of right humerus	Diagnosis	ICD-10-CM
S42.474A	Nondisplaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.474B	Nondisplaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.474D	Nondisplaced transcondylar fracture of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.474G	Nondisplaced transcondylar fracture of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.474K	Nondisplaced transcondylar fracture of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.474P	Nondisplaced transcondylar fracture of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.474S	Nondisplaced transcondylar fracture of right humerus, sequela	Diagnosis	ICD-10-CM
S42.475	Nondisplaced transcondylar fracture of left humerus	Diagnosis	ICD-10-CM
S42.475A	Nondisplaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.475B	Nondisplaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.475D	Nondisplaced transcondylar fracture of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.475G	Nondisplaced transcondylar fracture of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.475K	Nondisplaced transcondylar fracture of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.475P	Nondisplaced transcondylar fracture of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.475S	Nondisplaced transcondylar fracture of left humerus, sequela	Diagnosis	ICD-10-CM
S42.476	Nondisplaced transcondylar fracture of unspecified humerus	Diagnosis	ICD-10-CM
S42.476A	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.476B	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.476D	Nondisplaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.476G	Nondisplaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.476K	Nondisplaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.476P	Nondisplaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.476S	Nondisplaced transcondylar fracture of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.48	Torus fracture of lower end of humerus	Diagnosis	ICD-10-CM
S42.481	Torus fracture of lower end of right humerus	Diagnosis	ICD-10-CM
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.481D	Torus fracture of lower end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.481G	Torus fracture of lower end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.481K	Torus fracture of lower end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.481P	Torus fracture of lower end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.481S	Torus fracture of lower end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.482	Torus fracture of lower end of left humerus	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482D	Torus fracture of lower end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.482G	Torus fracture of lower end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.482K	Torus fracture of lower end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.482P	Torus fracture of lower end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.482S	Torus fracture of lower end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.489	Torus fracture of lower end of unspecified humerus	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489D	Torus fracture of lower end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.489G	Torus fracture of lower end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.489K	Torus fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.489P	Torus fracture of lower end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.489S	Torus fracture of lower end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.49	Other fracture of lower end of humerus	Diagnosis	ICD-10-CM
S42.491	Other displaced fracture of lower end of right humerus	Diagnosis	ICD-10-CM
S42.491A	Other displaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491B	Other displaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.491D	Other displaced fracture of lower end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.491G	Other displaced fracture of lower end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.491K	Other displaced fracture of lower end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.491P	Other displaced fracture of lower end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.491S	Other displaced fracture of lower end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.492	Other displaced fracture of lower end of left humerus	Diagnosis	ICD-10-CM
S42.492A	Other displaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.492B	Other displaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.492D	Other displaced fracture of lower end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.492G	Other displaced fracture of lower end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.492K	Other displaced fracture of lower end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.492P	Other displaced fracture of lower end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.492S	Other displaced fracture of lower end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.493	Other displaced fracture of lower end of unspecified humerus	Diagnosis	ICD-10-CM
S42.493A	Other displaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.493B	Other displaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.493D	Other displaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.493G	Other displaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.493K	Other displaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.493P	Other displaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.493S	Other displaced fracture of lower end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.494	Other nondisplaced fracture of lower end of right humerus	Diagnosis	ICD-10-CM
S42.494A	Other nondisplaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.494B	Other nondisplaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.494D	Other nondisplaced fracture of lower end of right humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.494G	Other nondisplaced fracture of lower end of right humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.494K	Other nondisplaced fracture of lower end of right humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.494P	Other nondisplaced fracture of lower end of right humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.494S	Other nondisplaced fracture of lower end of right humerus, sequela	Diagnosis	ICD-10-CM
S42.495	Other nondisplaced fracture of lower end of left humerus	Diagnosis	ICD-10-CM
S42.495A	Other nondisplaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.495B	Other nondisplaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.495D	Other nondisplaced fracture of lower end of left humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.495G	Other nondisplaced fracture of lower end of left humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.495K	Other nondisplaced fracture of lower end of left humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.495P	Other nondisplaced fracture of lower end of left humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.495S	Other nondisplaced fracture of lower end of left humerus, sequela	Diagnosis	ICD-10-CM
S42.496	Other nondisplaced fracture of lower end of unspecified humerus	Diagnosis	ICD-10-CM
S42.496A	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.496B	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.496D	Other nondisplaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.496G	Other nondisplaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.496K	Other nondisplaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.496P	Other nondisplaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.496S	Other nondisplaced fracture of lower end of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S42.9	Fracture of shoulder girdle, part unspecified	Diagnosis	ICD-10-CM
S42.90	Fracture of unspecified shoulder girdle, part unspecified	Diagnosis	ICD-10-CM
S42.90XA	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.90XB	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.90XD	Fracture of unspecified shoulder girdle, part unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.90XG	Fracture of unspecified shoulder girdle, part unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.90XK	Fracture of unspecified shoulder girdle, part unspecified, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.90XP	Fracture of unspecified shoulder girdle, part unspecified, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.90XS	Fracture of unspecified shoulder girdle, part unspecified, sequela	Diagnosis	ICD-10-CM
S42.91	Fracture of right shoulder girdle, part unspecified	Diagnosis	ICD-10-CM
S42.91XA	Fracture of right shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.91XB	Fracture of right shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.91XD	Fracture of right shoulder girdle, part unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S42.91XG	Fracture of right shoulder girdle, part unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.91XK	Fracture of right shoulder girdle, part unspecified, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.91XP	Fracture of right shoulder girdle, part unspecified, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.91XS	Fracture of right shoulder girdle, part unspecified, sequela	Diagnosis	ICD-10-CM
S42.92	Fracture of left shoulder girdle, part unspecified	Diagnosis	ICD-10-CM
S42.92XA	Fracture of left shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.92XB	Fracture of left shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.92XD	Fracture of left shoulder girdle, part unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.92XG	Fracture of left shoulder girdle, part unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S42.92XK	Fracture of left shoulder girdle, part unspecified, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S42.92XP	Fracture of left shoulder girdle, part unspecified, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S42.92XS	Fracture of left shoulder girdle, part unspecified, sequela	Diagnosis	ICD-10-CM
S43	Dislocation and sprain of joints and ligaments of shoulder girdle	Diagnosis	ICD-10-CM
S43.0	Subluxation and dislocation of shoulder joint	Diagnosis	ICD-10-CM
S43.00	Unspecified subluxation and dislocation of shoulder joint	Diagnosis	ICD-10-CM
S43.001	Unspecified subluxation of right shoulder joint	Diagnosis	ICD-10-CM
S43.001A	Unspecified subluxation of right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.001D	Unspecified subluxation of right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.001S	Unspecified subluxation of right shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.002	Unspecified subluxation of left shoulder joint	Diagnosis	ICD-10-CM
S43.002A	Unspecified subluxation of left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.002D	Unspecified subluxation of left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.002S	Unspecified subluxation of left shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.003	Unspecified subluxation of unspecified shoulder joint	Diagnosis	ICD-10-CM
S43.003A	Unspecified subluxation of unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.003D	Unspecified subluxation of unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.003S	Unspecified subluxation of unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.004	Unspecified dislocation of right shoulder joint	Diagnosis	ICD-10-CM
S43.004A	Unspecified dislocation of right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.004D	Unspecified dislocation of right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.004S	Unspecified dislocation of right shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.005	Unspecified dislocation of left shoulder joint	Diagnosis	ICD-10-CM
S43.005A	Unspecified dislocation of left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.005D	Unspecified dislocation of left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.005S	Unspecified dislocation of left shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.006	Unspecified dislocation of unspecified shoulder joint	Diagnosis	ICD-10-CM
S43.006A	Unspecified dislocation of unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.006D	Unspecified dislocation of unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.006S	Unspecified dislocation of unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.01	Anterior subluxation and dislocation of humerus	Diagnosis	ICD-10-CM
S43.011	Anterior subluxation of right humerus	Diagnosis	ICD-10-CM
S43.011A	Anterior subluxation of right humerus, initial encounter	Diagnosis	ICD-10-CM
S43.011D	Anterior subluxation of right humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.011S	Anterior subluxation of right humerus, sequela	Diagnosis	ICD-10-CM
S43.012	Anterior subluxation of left humerus	Diagnosis	ICD-10-CM
S43.012A	Anterior subluxation of left humerus, initial encounter	Diagnosis	ICD-10-CM
S43.012D	Anterior subluxation of left humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.012S	Anterior subluxation of left humerus, sequela	Diagnosis	ICD-10-CM
S43.013	Anterior subluxation of unspecified humerus	Diagnosis	ICD-10-CM
S43.013A	Anterior subluxation of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S43.013D	Anterior subluxation of unspecified humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.013S	Anterior subluxation of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S43.014	Anterior dislocation of right humerus	Diagnosis	ICD-10-CM
S43.014A	Anterior dislocation of right humerus, initial encounter	Diagnosis	ICD-10-CM
S43.014D	Anterior dislocation of right humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.014S	Anterior dislocation of right humerus, sequela	Diagnosis	ICD-10-CM
S43.015	Anterior dislocation of left humerus	Diagnosis	ICD-10-CM
S43.015A	Anterior dislocation of left humerus, initial encounter	Diagnosis	ICD-10-CM
S43.015D	Anterior dislocation of left humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.015S	Anterior dislocation of left humerus, sequela	Diagnosis	ICD-10-CM
S43.016	Anterior dislocation of unspecified humerus	Diagnosis	ICD-10-CM
S43.016A	Anterior dislocation of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
S43.016D	Anterior dislocation of unspecified humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.016S	Anterior dislocation of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S43.02	Posterior subluxation and dislocation of humerus	Diagnosis	ICD-10-CM
S43.021	Posterior subluxation of right humerus	Diagnosis	ICD-10-CM
S43.021A	Posterior subluxation of right humerus, initial encounter	Diagnosis	ICD-10-CM
S43.021D	Posterior subluxation of right humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.021S	Posterior subluxation of right humerus, sequela	Diagnosis	ICD-10-CM
S43.022	Posterior subluxation of left humerus	Diagnosis	ICD-10-CM
S43.022A	Posterior subluxation of left humerus, initial encounter	Diagnosis	ICD-10-CM
S43.022D	Posterior subluxation of left humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.022S	Posterior subluxation of left humerus, sequela	Diagnosis	ICD-10-CM
S43.023	Posterior subluxation of unspecified humerus	Diagnosis	ICD-10-CM
S43.023A	Posterior subluxation of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
S43.023D	Posterior subluxation of unspecified humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.023S	Posterior subluxation of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S43.024	Posterior dislocation of right humerus	Diagnosis	ICD-10-CM
S43.024A	Posterior dislocation of right humerus, initial encounter	Diagnosis	ICD-10-CM
S43.024D	Posterior dislocation of right humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.024S	Posterior dislocation of right humerus, sequela	Diagnosis	ICD-10-CM
S43.025	Posterior dislocation of left humerus	Diagnosis	ICD-10-CM
S43.025A	Posterior dislocation of left humerus, initial encounter	Diagnosis	ICD-10-CM
S43.025D	Posterior dislocation of left humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.025S	Posterior dislocation of left humerus, sequela	Diagnosis	ICD-10-CM
S43.026	Posterior dislocation of unspecified humerus	Diagnosis	ICD-10-CM
S43.026A	Posterior dislocation of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
S43.026D	Posterior dislocation of unspecified humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.026S	Posterior dislocation of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S43.03	Inferior subluxation and dislocation of humerus	Diagnosis	ICD-10-CM
S43.031	Inferior subluxation of right humerus	Diagnosis	ICD-10-CM
S43.031A	Inferior subluxation of right humerus, initial encounter	Diagnosis	ICD-10-CM
S43.031D	Inferior subluxation of right humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.031S	Inferior subluxation of right humerus, sequela	Diagnosis	ICD-10-CM
S43.032	Inferior subluxation of left humerus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.032A	Inferior subluxation of left humerus, initial encounter	Diagnosis	ICD-10-CM
S43.032D	Inferior subluxation of left humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.032S	Inferior subluxation of left humerus, sequela	Diagnosis	ICD-10-CM
S43.033	Inferior subluxation of unspecified humerus	Diagnosis	ICD-10-CM
S43.033A	Inferior subluxation of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
S43.033D	Inferior subluxation of unspecified humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.033S	Inferior subluxation of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S43.034	Inferior dislocation of right humerus	Diagnosis	ICD-10-CM
S43.034A	Inferior dislocation of right humerus, initial encounter	Diagnosis	ICD-10-CM
S43.034D	Inferior dislocation of right humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.034S	Inferior dislocation of right humerus, sequela	Diagnosis	ICD-10-CM
S43.035	Inferior dislocation of left humerus	Diagnosis	ICD-10-CM
S43.035A	Inferior dislocation of left humerus, initial encounter	Diagnosis	ICD-10-CM
S43.035D	Inferior dislocation of left humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.035S	Inferior dislocation of left humerus, sequela	Diagnosis	ICD-10-CM
S43.036	Inferior dislocation of unspecified humerus	Diagnosis	ICD-10-CM
S43.036A	Inferior dislocation of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
S43.036D	Inferior dislocation of unspecified humerus, subsequent encounter	Diagnosis	ICD-10-CM
S43.036S	Inferior dislocation of unspecified humerus, sequela	Diagnosis	ICD-10-CM
S43.08	Other subluxation and dislocation of shoulder joint	Diagnosis	ICD-10-CM
S43.081	Other subluxation of right shoulder joint	Diagnosis	ICD-10-CM
S43.081A	Other subluxation of right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.081D	Other subluxation of right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.081S	Other subluxation of right shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.082	Other subluxation of left shoulder joint	Diagnosis	ICD-10-CM
S43.082A	Other subluxation of left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.082D	Other subluxation of left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.082S	Other subluxation of left shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.083	Other subluxation of unspecified shoulder joint	Diagnosis	ICD-10-CM
S43.083A	Other subluxation of unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.083D	Other subluxation of unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.083S	Other subluxation of unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.084	Other dislocation of right shoulder joint	Diagnosis	ICD-10-CM
S43.084A	Other dislocation of right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.084D	Other dislocation of right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.084S	Other dislocation of right shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.085	Other dislocation of left shoulder joint	Diagnosis	ICD-10-CM
S43.085A	Other dislocation of left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.085D	Other dislocation of left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.085S	Other dislocation of left shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.086	Other dislocation of unspecified shoulder joint	Diagnosis	ICD-10-CM
S43.086A	Other dislocation of unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.086D	Other dislocation of unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.086S	Other dislocation of unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.1	Subluxation and dislocation of acromioclavicular joint	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.10	Unspecified dislocation of acromioclavicular joint	Diagnosis	ICD-10-CM
S43.101	Unspecified dislocation of right acromioclavicular joint	Diagnosis	ICD-10-CM
S43.101A	Unspecified dislocation of right acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.101D	Unspecified dislocation of right acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.101S	Unspecified dislocation of right acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.102	Unspecified dislocation of left acromioclavicular joint	Diagnosis	ICD-10-CM
S43.102A	Unspecified dislocation of left acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.102D	Unspecified dislocation of left acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.102S	Unspecified dislocation of left acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.109	Unspecified dislocation of unspecified acromioclavicular joint	Diagnosis	ICD-10-CM
S43.109A	Unspecified dislocation of unspecified acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.109D	Unspecified dislocation of unspecified acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.109S	Unspecified dislocation of unspecified acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.11	Subluxation of acromioclavicular joint	Diagnosis	ICD-10-CM
S43.111	Subluxation of right acromioclavicular joint	Diagnosis	ICD-10-CM
S43.111A	Subluxation of right acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.111D	Subluxation of right acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.111S	Subluxation of right acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.112	Subluxation of left acromioclavicular joint	Diagnosis	ICD-10-CM
S43.112A	Subluxation of left acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.112D	Subluxation of left acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.112S	Subluxation of left acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.119	Subluxation of unspecified acromioclavicular joint	Diagnosis	ICD-10-CM
S43.119A	Subluxation of unspecified acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.119D	Subluxation of unspecified acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.119S	Subluxation of unspecified acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.12	Dislocation of acromioclavicular joint, 100%-200% displacement	Diagnosis	ICD-10-CM
S43.121	Dislocation of right acromioclavicular joint, 100%-200% displacement	Diagnosis	ICD-10-CM
S43.121A	Dislocation of right acromioclavicular joint, 100%-200% displacement, initial encounter	Diagnosis	ICD-10-CM
S43.121D	Dislocation of right acromioclavicular joint, 100%-200% displacement, subsequent encounter	Diagnosis	ICD-10-CM
S43.121S	Dislocation of right acromioclavicular joint, 100%-200% displacement, sequela	Diagnosis	ICD-10-CM
S43.122	Dislocation of left acromioclavicular joint, 100%-200% displacement	Diagnosis	ICD-10-CM
S43.122A	Dislocation of left acromioclavicular joint, 100%-200% displacement, initial encounter	Diagnosis	ICD-10-CM
S43.122D	Dislocation of left acromioclavicular joint, 100%-200% displacement, subsequent encounter	Diagnosis	ICD-10-CM
S43.122S	Dislocation of left acromioclavicular joint, 100%-200% displacement, sequela	Diagnosis	ICD-10-CM
S43.129	Dislocation of unspecified acromioclavicular joint, 100%-200% displacement	Diagnosis	ICD-10-CM
S43.129A	Dislocation of unspecified acromioclavicular joint, 100%-200% displacement, initial encounter	Diagnosis	ICD-10-CM
S43.129D	Dislocation of unspecified acromioclavicular joint, 100%-200% displacement, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.129S	Dislocation of unspecified acromioclavicular joint, 100%-200% displacement, sequela	Diagnosis	ICD-10-CM
S43.13	Dislocation of acromioclavicular joint, greater than 200% displacement	Diagnosis	ICD-10-CM
S43.131	Dislocation of right acromioclavicular joint, greater than 200% displacement	Diagnosis	ICD-10-CM
S43.131A	Dislocation of right acromioclavicular joint, greater than 200% displacement, initial encounter	Diagnosis	ICD-10-CM
S43.131D	Dislocation of right acromioclavicular joint, greater than 200% displacement, subsequent encounter	Diagnosis	ICD-10-CM
S43.131S	Dislocation of right acromioclavicular joint, greater than 200% displacement, sequela	Diagnosis	ICD-10-CM
S43.132	Dislocation of left acromioclavicular joint, greater than 200% displacement	Diagnosis	ICD-10-CM
S43.132A	Dislocation of left acromioclavicular joint, greater than 200% displacement, initial encounter	Diagnosis	ICD-10-CM
S43.132D	Dislocation of left acromioclavicular joint, greater than 200% displacement, subsequent encounter	Diagnosis	ICD-10-CM
S43.132S	Dislocation of left acromioclavicular joint, greater than 200% displacement, sequela	Diagnosis	ICD-10-CM
S43.139	Dislocation of unspecified acromioclavicular joint, greater than 200% displacement	Diagnosis	ICD-10-CM
S43.139A	Dislocation of unspecified acromioclavicular joint, greater than 200% displacement, initial encounter	Diagnosis	ICD-10-CM
S43.139D	Dislocation of unspecified acromioclavicular joint, greater than 200% displacement, subsequent encounter	Diagnosis	ICD-10-CM
S43.139S	Dislocation of unspecified acromioclavicular joint, greater than 200% displacement, sequela	Diagnosis	ICD-10-CM
S43.14	Inferior dislocation of acromioclavicular joint	Diagnosis	ICD-10-CM
S43.141	Inferior dislocation of right acromioclavicular joint	Diagnosis	ICD-10-CM
S43.141A	Inferior dislocation of right acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.141D	Inferior dislocation of right acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.141S	Inferior dislocation of right acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.142	Inferior dislocation of left acromioclavicular joint	Diagnosis	ICD-10-CM
S43.142A	Inferior dislocation of left acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.142D	Inferior dislocation of left acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.142S	Inferior dislocation of left acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.149	Inferior dislocation of unspecified acromioclavicular joint	Diagnosis	ICD-10-CM
S43.149A	Inferior dislocation of unspecified acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.149D	Inferior dislocation of unspecified acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.149S	Inferior dislocation of unspecified acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.15	Posterior dislocation of acromioclavicular joint	Diagnosis	ICD-10-CM
S43.151	Posterior dislocation of right acromioclavicular joint	Diagnosis	ICD-10-CM
S43.151A	Posterior dislocation of right acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.151D	Posterior dislocation of right acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.151S	Posterior dislocation of right acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.152	Posterior dislocation of left acromioclavicular joint	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.152A	Posterior dislocation of left acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.152D	Posterior dislocation of left acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.152S	Posterior dislocation of left acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.159	Posterior dislocation of unspecified acromioclavicular joint	Diagnosis	ICD-10-CM
S43.159A	Posterior dislocation of unspecified acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.159D	Posterior dislocation of unspecified acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.159S	Posterior dislocation of unspecified acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.2	Subluxation and dislocation of sternoclavicular joint	Diagnosis	ICD-10-CM
S43.20	Unspecified subluxation and dislocation of sternoclavicular joint	Diagnosis	ICD-10-CM
S43.201	Unspecified subluxation of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.201A	Unspecified subluxation of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.201D	Unspecified subluxation of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.201S	Unspecified subluxation of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.202	Unspecified subluxation of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.202A	Unspecified subluxation of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.202D	Unspecified subluxation of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.202S	Unspecified subluxation of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.203	Unspecified subluxation of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.203A	Unspecified subluxation of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.203D	Unspecified subluxation of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.203S	Unspecified subluxation of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.204	Unspecified dislocation of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.204A	Unspecified dislocation of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.204D	Unspecified dislocation of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.204S	Unspecified dislocation of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.205	Unspecified dislocation of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.205A	Unspecified dislocation of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.205D	Unspecified dislocation of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.205S	Unspecified dislocation of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.206	Unspecified dislocation of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.206A	Unspecified dislocation of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.206D	Unspecified dislocation of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.206S	Unspecified dislocation of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.21	Anterior subluxation and dislocation of sternoclavicular joint	Diagnosis	ICD-10-CM
S43.211	Anterior subluxation of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.211A	Anterior subluxation of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.211D	Anterior subluxation of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.211S	Anterior subluxation of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.212	Anterior subluxation of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.212A	Anterior subluxation of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.212D	Anterior subluxation of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.212S	Anterior subluxation of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.213	Anterior subluxation of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.213A	Anterior subluxation of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.213D	Anterior subluxation of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.213S	Anterior subluxation of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.214	Anterior dislocation of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.214A	Anterior dislocation of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.214D	Anterior dislocation of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.214S	Anterior dislocation of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.215	Anterior dislocation of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.215A	Anterior dislocation of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.215D	Anterior dislocation of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.215S	Anterior dislocation of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.216	Anterior dislocation of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.216A	Anterior dislocation of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.216D	Anterior dislocation of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.216S	Anterior dislocation of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.22	Posterior subluxation and dislocation of sternoclavicular joint	Diagnosis	ICD-10-CM
S43.221	Posterior subluxation of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.221A	Posterior subluxation of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.221D	Posterior subluxation of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.221S	Posterior subluxation of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.222	Posterior subluxation of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.222A	Posterior subluxation of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.222D	Posterior subluxation of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.222S	Posterior subluxation of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.223	Posterior subluxation of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.223A	Posterior subluxation of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.223D	Posterior subluxation of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.223S	Posterior subluxation of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.224	Posterior dislocation of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.224A	Posterior dislocation of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.224D	Posterior dislocation of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.224S	Posterior dislocation of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.225	Posterior dislocation of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.225A	Posterior dislocation of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.225D	Posterior dislocation of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.225S	Posterior dislocation of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.226	Posterior dislocation of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.226A	Posterior dislocation of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.226D	Posterior dislocation of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.226S	Posterior dislocation of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.3	Subluxation and dislocation of other and unspecified parts of shoulder girdle	Diagnosis	ICD-10-CM
S43.30	Subluxation and dislocation of unspecified parts of shoulder girdle	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.301	Subluxation of unspecified parts of right shoulder girdle	Diagnosis	ICD-10-CM
S43.301A	Subluxation of unspecified parts of right shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.301D	Subluxation of unspecified parts of right shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.301S	Subluxation of unspecified parts of right shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.302	Subluxation of unspecified parts of left shoulder girdle	Diagnosis	ICD-10-CM
S43.302A	Subluxation of unspecified parts of left shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.302D	Subluxation of unspecified parts of left shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.302S	Subluxation of unspecified parts of left shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.303	Subluxation of unspecified parts of unspecified shoulder girdle	Diagnosis	ICD-10-CM
S43.303A	Subluxation of unspecified parts of unspecified shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.303D	Subluxation of unspecified parts of unspecified shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.303S	Subluxation of unspecified parts of unspecified shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.304	Dislocation of unspecified parts of right shoulder girdle	Diagnosis	ICD-10-CM
S43.304A	Dislocation of unspecified parts of right shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.304D	Dislocation of unspecified parts of right shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.304S	Dislocation of unspecified parts of right shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.305	Dislocation of unspecified parts of left shoulder girdle	Diagnosis	ICD-10-CM
S43.305A	Dislocation of unspecified parts of left shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.305D	Dislocation of unspecified parts of left shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.305S	Dislocation of unspecified parts of left shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.306	Dislocation of unspecified parts of unspecified shoulder girdle	Diagnosis	ICD-10-CM
S43.306A	Dislocation of unspecified parts of unspecified shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.306D	Dislocation of unspecified parts of unspecified shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.306S	Dislocation of unspecified parts of unspecified shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.31	Subluxation and dislocation of scapula	Diagnosis	ICD-10-CM
S43.311	Subluxation of right scapula	Diagnosis	ICD-10-CM
S43.311A	Subluxation of right scapula, initial encounter	Diagnosis	ICD-10-CM
S43.311D	Subluxation of right scapula, subsequent encounter	Diagnosis	ICD-10-CM
S43.311S	Subluxation of right scapula, sequela	Diagnosis	ICD-10-CM
S43.312	Subluxation of left scapula	Diagnosis	ICD-10-CM
S43.312A	Subluxation of left scapula, initial encounter	Diagnosis	ICD-10-CM
S43.312D	Subluxation of left scapula, subsequent encounter	Diagnosis	ICD-10-CM
S43.312S	Subluxation of left scapula, sequela	Diagnosis	ICD-10-CM
S43.313	Subluxation of unspecified scapula	Diagnosis	ICD-10-CM
S43.313A	Subluxation of unspecified scapula, initial encounter	Diagnosis	ICD-10-CM
S43.313D	Subluxation of unspecified scapula, subsequent encounter	Diagnosis	ICD-10-CM
S43.313S	Subluxation of unspecified scapula, sequela	Diagnosis	ICD-10-CM
S43.314	Dislocation of right scapula	Diagnosis	ICD-10-CM
S43.314A	Dislocation of right scapula, initial encounter	Diagnosis	ICD-10-CM
S43.314D	Dislocation of right scapula, subsequent encounter	Diagnosis	ICD-10-CM
S43.314S	Dislocation of right scapula, sequela	Diagnosis	ICD-10-CM
S43.315	Dislocation of left scapula	Diagnosis	ICD-10-CM
S43.315A	Dislocation of left scapula, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.315D	Dislocation of left scapula, subsequent encounter	Diagnosis	ICD-10-CM
S43.315S	Dislocation of left scapula, sequela	Diagnosis	ICD-10-CM
S43.316	Dislocation of unspecified scapula	Diagnosis	ICD-10-CM
S43.316A	Dislocation of unspecified scapula, initial encounter	Diagnosis	ICD-10-CM
S43.316D	Dislocation of unspecified scapula, subsequent encounter	Diagnosis	ICD-10-CM
S43.316S	Dislocation of unspecified scapula, sequela	Diagnosis	ICD-10-CM
S43.39	Subluxation and dislocation of other parts of shoulder girdle	Diagnosis	ICD-10-CM
S43.391	Subluxation of other parts of right shoulder girdle	Diagnosis	ICD-10-CM
S43.391A	Subluxation of other parts of right shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.391D	Subluxation of other parts of right shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.391S	Subluxation of other parts of right shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.392	Subluxation of other parts of left shoulder girdle	Diagnosis	ICD-10-CM
S43.392A	Subluxation of other parts of left shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.392D	Subluxation of other parts of left shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.392S	Subluxation of other parts of left shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.393	Subluxation of other parts of unspecified shoulder girdle	Diagnosis	ICD-10-CM
S43.393A	Subluxation of other parts of unspecified shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.393D	Subluxation of other parts of unspecified shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.393S	Subluxation of other parts of unspecified shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.394	Dislocation of other parts of right shoulder girdle	Diagnosis	ICD-10-CM
S43.394A	Dislocation of other parts of right shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.394D	Dislocation of other parts of right shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.394S	Dislocation of other parts of right shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.395	Dislocation of other parts of left shoulder girdle	Diagnosis	ICD-10-CM
S43.395A	Dislocation of other parts of left shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.395D	Dislocation of other parts of left shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.395S	Dislocation of other parts of left shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.396	Dislocation of other parts of unspecified shoulder girdle	Diagnosis	ICD-10-CM
S43.396A	Dislocation of other parts of unspecified shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.396D	Dislocation of other parts of unspecified shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.396S	Dislocation of other parts of unspecified shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.4	Sprain of shoulder joint	Diagnosis	ICD-10-CM
S43.40	Unspecified sprain of shoulder joint	Diagnosis	ICD-10-CM
S43.401	Unspecified sprain of right shoulder joint	Diagnosis	ICD-10-CM
S43.401A	Unspecified sprain of right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.401D	Unspecified sprain of right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.401S	Unspecified sprain of right shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.402	Unspecified sprain of left shoulder joint	Diagnosis	ICD-10-CM
S43.402A	Unspecified sprain of left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.402D	Unspecified sprain of left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.402S	Unspecified sprain of left shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.409	Unspecified sprain of unspecified shoulder joint	Diagnosis	ICD-10-CM
S43.409A	Unspecified sprain of unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.409D	Unspecified sprain of unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.409S	Unspecified sprain of unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.41	Sprain of coracohumeral (ligament)	Diagnosis	ICD-10-CM
S43.411	Sprain of right coracohumeral (ligament)	Diagnosis	ICD-10-CM
S43.411A	Sprain of right coracohumeral (ligament), initial encounter	Diagnosis	ICD-10-CM
S43.411D	Sprain of right coracohumeral (ligament), subsequent encounter	Diagnosis	ICD-10-CM
S43.411S	Sprain of right coracohumeral (ligament), sequela	Diagnosis	ICD-10-CM
S43.412	Sprain of left coracohumeral (ligament)	Diagnosis	ICD-10-CM
S43.412A	Sprain of left coracohumeral (ligament), initial encounter	Diagnosis	ICD-10-CM
S43.412D	Sprain of left coracohumeral (ligament), subsequent encounter	Diagnosis	ICD-10-CM
S43.412S	Sprain of left coracohumeral (ligament), sequela	Diagnosis	ICD-10-CM
S43.419	Sprain of unspecified coracohumeral (ligament)	Diagnosis	ICD-10-CM
S43.419A	Sprain of unspecified coracohumeral (ligament), initial encounter	Diagnosis	ICD-10-CM
S43.419D	Sprain of unspecified coracohumeral (ligament), subsequent encounter	Diagnosis	ICD-10-CM
S43.419S	Sprain of unspecified coracohumeral (ligament), sequela	Diagnosis	ICD-10-CM
S43.42	Sprain of rotator cuff capsule	Diagnosis	ICD-10-CM
S43.421	Sprain of right rotator cuff capsule	Diagnosis	ICD-10-CM
S43.421A	Sprain of right rotator cuff capsule, initial encounter	Diagnosis	ICD-10-CM
S43.421D	Sprain of right rotator cuff capsule, subsequent encounter	Diagnosis	ICD-10-CM
S43.421S	Sprain of right rotator cuff capsule, sequela	Diagnosis	ICD-10-CM
S43.422	Sprain of left rotator cuff capsule	Diagnosis	ICD-10-CM
S43.422A	Sprain of left rotator cuff capsule, initial encounter	Diagnosis	ICD-10-CM
S43.422D	Sprain of left rotator cuff capsule, subsequent encounter	Diagnosis	ICD-10-CM
S43.422S	Sprain of left rotator cuff capsule, sequela	Diagnosis	ICD-10-CM
S43.429	Sprain of unspecified rotator cuff capsule	Diagnosis	ICD-10-CM
S43.429A	Sprain of unspecified rotator cuff capsule, initial encounter	Diagnosis	ICD-10-CM
S43.429D	Sprain of unspecified rotator cuff capsule, subsequent encounter	Diagnosis	ICD-10-CM
S43.429S	Sprain of unspecified rotator cuff capsule, sequela	Diagnosis	ICD-10-CM
S43.43	Superior glenoid labrum lesion	Diagnosis	ICD-10-CM
S43.431	Superior glenoid labrum lesion of right shoulder	Diagnosis	ICD-10-CM
S43.431A	Superior glenoid labrum lesion of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S43.431D	Superior glenoid labrum lesion of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S43.431S	Superior glenoid labrum lesion of right shoulder, sequela	Diagnosis	ICD-10-CM
S43.432	Superior glenoid labrum lesion of left shoulder	Diagnosis	ICD-10-CM
S43.432A	Superior glenoid labrum lesion of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S43.432D	Superior glenoid labrum lesion of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S43.432S	Superior glenoid labrum lesion of left shoulder, sequela	Diagnosis	ICD-10-CM
S43.439	Superior glenoid labrum lesion of unspecified shoulder	Diagnosis	ICD-10-CM
S43.439A	Superior glenoid labrum lesion of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S43.439D	Superior glenoid labrum lesion of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S43.439S	Superior glenoid labrum lesion of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S43.49	Other sprain of shoulder joint	Diagnosis	ICD-10-CM
S43.491	Other sprain of right shoulder joint	Diagnosis	ICD-10-CM
S43.491A	Other sprain of right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.491D	Other sprain of right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.491S	Other sprain of right shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.492	Other sprain of left shoulder joint	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.492A	Other sprain of left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.492D	Other sprain of left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.492S	Other sprain of left shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.499	Other sprain of unspecified shoulder joint	Diagnosis	ICD-10-CM
S43.499A	Other sprain of unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S43.499D	Other sprain of unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.499S	Other sprain of unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S43.5	Sprain of acromioclavicular joint	Diagnosis	ICD-10-CM
S43.50	Sprain of unspecified acromioclavicular joint	Diagnosis	ICD-10-CM
S43.50XA	Sprain of unspecified acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.50XD	Sprain of unspecified acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.50XS	Sprain of unspecified acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.51	Sprain of right acromioclavicular joint	Diagnosis	ICD-10-CM
S43.51XA	Sprain of right acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.51XD	Sprain of right acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.51XS	Sprain of right acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.52	Sprain of left acromioclavicular joint	Diagnosis	ICD-10-CM
S43.52XA	Sprain of left acromioclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.52XD	Sprain of left acromioclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.52XS	Sprain of left acromioclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.6	Sprain of sternoclavicular joint	Diagnosis	ICD-10-CM
S43.60	Sprain of unspecified sternoclavicular joint	Diagnosis	ICD-10-CM
S43.60XA	Sprain of unspecified sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.60XD	Sprain of unspecified sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.60XS	Sprain of unspecified sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.61	Sprain of right sternoclavicular joint	Diagnosis	ICD-10-CM
S43.61XA	Sprain of right sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.61XD	Sprain of right sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.61XS	Sprain of right sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.62	Sprain of left sternoclavicular joint	Diagnosis	ICD-10-CM
S43.62XA	Sprain of left sternoclavicular joint, initial encounter	Diagnosis	ICD-10-CM
S43.62XD	Sprain of left sternoclavicular joint, subsequent encounter	Diagnosis	ICD-10-CM
S43.62XS	Sprain of left sternoclavicular joint, sequela	Diagnosis	ICD-10-CM
S43.8	Sprain of other specified parts of shoulder girdle	Diagnosis	ICD-10-CM
S43.80	Sprain of other specified parts of unspecified shoulder girdle	Diagnosis	ICD-10-CM
S43.80XA	Sprain of other specified parts of unspecified shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.80XD	Sprain of other specified parts of unspecified shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.80XS	Sprain of other specified parts of unspecified shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.81	Sprain of other specified parts of right shoulder girdle	Diagnosis	ICD-10-CM
S43.81XA	Sprain of other specified parts of right shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.81XD	Sprain of other specified parts of right shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.81XS	Sprain of other specified parts of right shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.82	Sprain of other specified parts of left shoulder girdle	Diagnosis	ICD-10-CM
S43.82XA	Sprain of other specified parts of left shoulder girdle, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S43.82XD	Sprain of other specified parts of left shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.82XS	Sprain of other specified parts of left shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.9	Sprain of unspecified parts of shoulder girdle	Diagnosis	ICD-10-CM
S43.90	Sprain of unspecified parts of unspecified shoulder girdle	Diagnosis	ICD-10-CM
S43.90XA	Sprain of unspecified parts of unspecified shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.90XD	Sprain of unspecified parts of unspecified shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.90XS	Sprain of unspecified parts of unspecified shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.91	Sprain of unspecified parts of right shoulder girdle	Diagnosis	ICD-10-CM
S43.91XA	Sprain of unspecified parts of right shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.91XD	Sprain of unspecified parts of right shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.91XS	Sprain of unspecified parts of right shoulder girdle, sequela	Diagnosis	ICD-10-CM
S43.92	Sprain of unspecified parts of left shoulder girdle	Diagnosis	ICD-10-CM
S43.92XA	Sprain of unspecified parts of left shoulder girdle, initial encounter	Diagnosis	ICD-10-CM
S43.92XD	Sprain of unspecified parts of left shoulder girdle, subsequent encounter	Diagnosis	ICD-10-CM
S43.92XS	Sprain of unspecified parts of left shoulder girdle, sequela	Diagnosis	ICD-10-CM
S44	Injury of nerves at shoulder and upper arm level	Diagnosis	ICD-10-CM
S44.0	Injury of ulnar nerve at upper arm level	Diagnosis	ICD-10-CM
S44.00	Injury of ulnar nerve at upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S44.00XA	Injury of ulnar nerve at upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.00XD	Injury of ulnar nerve at upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.00XS	Injury of ulnar nerve at upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.01	Injury of ulnar nerve at upper arm level, right arm	Diagnosis	ICD-10-CM
S44.01XA	Injury of ulnar nerve at upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.01XD	Injury of ulnar nerve at upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.01XS	Injury of ulnar nerve at upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S44.02	Injury of ulnar nerve at upper arm level, left arm	Diagnosis	ICD-10-CM
S44.02XA	Injury of ulnar nerve at upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.02XD	Injury of ulnar nerve at upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.02XS	Injury of ulnar nerve at upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S44.1	Injury of median nerve at upper arm level	Diagnosis	ICD-10-CM
S44.10	Injury of median nerve at upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S44.10XA	Injury of median nerve at upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.10XD	Injury of median nerve at upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.10XS	Injury of median nerve at upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.11	Injury of median nerve at upper arm level, right arm	Diagnosis	ICD-10-CM
S44.11XA	Injury of median nerve at upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.11XD	Injury of median nerve at upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.11XS	Injury of median nerve at upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S44.12	Injury of median nerve at upper arm level, left arm	Diagnosis	ICD-10-CM
S44.12XA	Injury of median nerve at upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.12XD	Injury of median nerve at upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.12XS	Injury of median nerve at upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S44.2	Injury of radial nerve at upper arm level	Diagnosis	ICD-10-CM
S44.20	Injury of radial nerve at upper arm level, unspecified arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S44.20XA	Injury of radial nerve at upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.20XD	Injury of radial nerve at upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.20XS	Injury of radial nerve at upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.21	Injury of radial nerve at upper arm level, right arm	Diagnosis	ICD-10-CM
S44.21XA	Injury of radial nerve at upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.21XD	Injury of radial nerve at upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.21XS	Injury of radial nerve at upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S44.22	Injury of radial nerve at upper arm level, left arm	Diagnosis	ICD-10-CM
S44.22XA	Injury of radial nerve at upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.22XD	Injury of radial nerve at upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.22XS	Injury of radial nerve at upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S44.3	Injury of axillary nerve	Diagnosis	ICD-10-CM
S44.30	Injury of axillary nerve, unspecified arm	Diagnosis	ICD-10-CM
S44.30XA	Injury of axillary nerve, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.30XD	Injury of axillary nerve, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.30XS	Injury of axillary nerve, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.31	Injury of axillary nerve, right arm	Diagnosis	ICD-10-CM
S44.31XA	Injury of axillary nerve, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.31XD	Injury of axillary nerve, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.31XS	Injury of axillary nerve, right arm, sequela	Diagnosis	ICD-10-CM
S44.32	Injury of axillary nerve, left arm	Diagnosis	ICD-10-CM
S44.32XA	Injury of axillary nerve, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.32XD	Injury of axillary nerve, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.32XS	Injury of axillary nerve, left arm, sequela	Diagnosis	ICD-10-CM
S44.4	Injury of musculocutaneous nerve	Diagnosis	ICD-10-CM
S44.40	Injury of musculocutaneous nerve, unspecified arm	Diagnosis	ICD-10-CM
S44.40XA	Injury of musculocutaneous nerve, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.40XD	Injury of musculocutaneous nerve, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.40XS	Injury of musculocutaneous nerve, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.41	Injury of musculocutaneous nerve, right arm	Diagnosis	ICD-10-CM
S44.41XA	Injury of musculocutaneous nerve, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.41XD	Injury of musculocutaneous nerve, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.41XS	Injury of musculocutaneous nerve, right arm, sequela	Diagnosis	ICD-10-CM
S44.42	Injury of musculocutaneous nerve, left arm	Diagnosis	ICD-10-CM
S44.42XA	Injury of musculocutaneous nerve, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.42XD	Injury of musculocutaneous nerve, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.42XS	Injury of musculocutaneous nerve, left arm, sequela	Diagnosis	ICD-10-CM
S44.5	Injury of cutaneous sensory nerve at shoulder and upper arm level	Diagnosis	ICD-10-CM
S44.50	Injury of cutaneous sensory nerve at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S44.50XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.50XD	Injury of cutaneous sensory nerve at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S44.50XS	Injury of cutaneous sensory nerve at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.51	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S44.51XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.51XD	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.51XS	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S44.52	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S44.52XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.52XD	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.52XS	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S44.8	Injury of other nerves at shoulder and upper arm level	Diagnosis	ICD-10-CM
S44.8X	Injury of other nerves at shoulder and upper arm level	Diagnosis	ICD-10-CM
S44.8X1	Injury of other nerves at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S44.8X1A	Injury of other nerves at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.8X1D	Injury of other nerves at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.8X1S	Injury of other nerves at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S44.8X2	Injury of other nerves at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S44.8X2A	Injury of other nerves at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.8X2D	Injury of other nerves at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.8X2S	Injury of other nerves at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S44.8X9	Injury of other nerves at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S44.8X9A	Injury of other nerves at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.8X9D	Injury of other nerves at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.8X9S	Injury of other nerves at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.9	Injury of unspecified nerve at shoulder and upper arm level	Diagnosis	ICD-10-CM
S44.90	Injury of unspecified nerve at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S44.90XA	Injury of unspecified nerve at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.90XD	Injury of unspecified nerve at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.90XS	Injury of unspecified nerve at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S44.91	Injury of unspecified nerve at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S44.91XA	Injury of unspecified nerve at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.91XD	Injury of unspecified nerve at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.91XS	Injury of unspecified nerve at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S44.92	Injury of unspecified nerve at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S44.92XA	Injury of unspecified nerve at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.92XD	Injury of unspecified nerve at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S44.92XS	Injury of unspecified nerve at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45	Injury of blood vessels at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.0	Injury of axillary artery	Diagnosis	ICD-10-CM
S45.00	Unspecified injury of axillary artery	Diagnosis	ICD-10-CM
S45.001	Unspecified injury of axillary artery, right side	Diagnosis	ICD-10-CM
S45.001A	Unspecified injury of axillary artery, right side, initial encounter	Diagnosis	ICD-10-CM
S45.001D	Unspecified injury of axillary artery, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.001S	Unspecified injury of axillary artery, right side, sequela	Diagnosis	ICD-10-CM
S45.002	Unspecified injury of axillary artery, left side	Diagnosis	ICD-10-CM
S45.002A	Unspecified injury of axillary artery, left side, initial encounter	Diagnosis	ICD-10-CM
S45.002D	Unspecified injury of axillary artery, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.002S	Unspecified injury of axillary artery, left side, sequela	Diagnosis	ICD-10-CM
S45.009	Unspecified injury of axillary artery, unspecified side	Diagnosis	ICD-10-CM
S45.009A	Unspecified injury of axillary artery, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.009D	Unspecified injury of axillary artery, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.009S	Unspecified injury of axillary artery, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.01	Laceration of axillary artery	Diagnosis	ICD-10-CM
S45.011	Laceration of axillary artery, right side	Diagnosis	ICD-10-CM
S45.011A	Laceration of axillary artery, right side, initial encounter	Diagnosis	ICD-10-CM
S45.011D	Laceration of axillary artery, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.011S	Laceration of axillary artery, right side, sequela	Diagnosis	ICD-10-CM
S45.012	Laceration of axillary artery, left side	Diagnosis	ICD-10-CM
S45.012A	Laceration of axillary artery, left side, initial encounter	Diagnosis	ICD-10-CM
S45.012D	Laceration of axillary artery, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.012S	Laceration of axillary artery, left side, sequela	Diagnosis	ICD-10-CM
S45.019	Laceration of axillary artery, unspecified side	Diagnosis	ICD-10-CM
S45.019A	Laceration of axillary artery, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.019D	Laceration of axillary artery, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.019S	Laceration of axillary artery, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.09	Other specified injury of axillary artery	Diagnosis	ICD-10-CM
S45.091	Other specified injury of axillary artery, right side	Diagnosis	ICD-10-CM
S45.091A	Other specified injury of axillary artery, right side, initial encounter	Diagnosis	ICD-10-CM
S45.091D	Other specified injury of axillary artery, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.091S	Other specified injury of axillary artery, right side, sequela	Diagnosis	ICD-10-CM
S45.092	Other specified injury of axillary artery, left side	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S45.092A	Other specified injury of axillary artery, left side, initial encounter	Diagnosis	ICD-10-CM
S45.092D	Other specified injury of axillary artery, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.092S	Other specified injury of axillary artery, left side, sequela	Diagnosis	ICD-10-CM
S45.099	Other specified injury of axillary artery, unspecified side	Diagnosis	ICD-10-CM
S45.099A	Other specified injury of axillary artery, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.099D	Other specified injury of axillary artery, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.099S	Other specified injury of axillary artery, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.1	Injury of brachial artery	Diagnosis	ICD-10-CM
S45.10	Unspecified injury of brachial artery	Diagnosis	ICD-10-CM
S45.101	Unspecified injury of brachial artery, right side	Diagnosis	ICD-10-CM
S45.101A	Unspecified injury of brachial artery, right side, initial encounter	Diagnosis	ICD-10-CM
S45.101D	Unspecified injury of brachial artery, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.101S	Unspecified injury of brachial artery, right side, sequela	Diagnosis	ICD-10-CM
S45.102	Unspecified injury of brachial artery, left side	Diagnosis	ICD-10-CM
S45.102A	Unspecified injury of brachial artery, left side, initial encounter	Diagnosis	ICD-10-CM
S45.102D	Unspecified injury of brachial artery, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.102S	Unspecified injury of brachial artery, left side, sequela	Diagnosis	ICD-10-CM
S45.109	Unspecified injury of brachial artery, unspecified side	Diagnosis	ICD-10-CM
S45.109A	Unspecified injury of brachial artery, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.109D	Unspecified injury of brachial artery, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.109S	Unspecified injury of brachial artery, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.11	Laceration of brachial artery	Diagnosis	ICD-10-CM
S45.111	Laceration of brachial artery, right side	Diagnosis	ICD-10-CM
S45.111A	Laceration of brachial artery, right side, initial encounter	Diagnosis	ICD-10-CM
S45.111D	Laceration of brachial artery, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.111S	Laceration of brachial artery, right side, sequela	Diagnosis	ICD-10-CM
S45.112	Laceration of brachial artery, left side	Diagnosis	ICD-10-CM
S45.112A	Laceration of brachial artery, left side, initial encounter	Diagnosis	ICD-10-CM
S45.112D	Laceration of brachial artery, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.112S	Laceration of brachial artery, left side, sequela	Diagnosis	ICD-10-CM
S45.119	Laceration of brachial artery, unspecified side	Diagnosis	ICD-10-CM
S45.119A	Laceration of brachial artery, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.119D	Laceration of brachial artery, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.119S	Laceration of brachial artery, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.19	Other specified injury of brachial artery	Diagnosis	ICD-10-CM
S45.191	Other specified injury of brachial artery, right side	Diagnosis	ICD-10-CM
S45.191A	Other specified injury of brachial artery, right side, initial encounter	Diagnosis	ICD-10-CM
S45.191D	Other specified injury of brachial artery, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.191S	Other specified injury of brachial artery, right side, sequela	Diagnosis	ICD-10-CM
S45.192	Other specified injury of brachial artery, left side	Diagnosis	ICD-10-CM
S45.192A	Other specified injury of brachial artery, left side, initial encounter	Diagnosis	ICD-10-CM
S45.192D	Other specified injury of brachial artery, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.192S	Other specified injury of brachial artery, left side, sequela	Diagnosis	ICD-10-CM
S45.199	Other specified injury of brachial artery, unspecified side	Diagnosis	ICD-10-CM
S45.199A	Other specified injury of brachial artery, unspecified side, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S45.199D	Other specified injury of brachial artery, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.199S	Other specified injury of brachial artery, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.2	Injury of axillary or brachial vein	Diagnosis	ICD-10-CM
S45.20	Unspecified injury of axillary or brachial vein	Diagnosis	ICD-10-CM
S45.201	Unspecified injury of axillary or brachial vein, right side	Diagnosis	ICD-10-CM
S45.201A	Unspecified injury of axillary or brachial vein, right side, initial encounter	Diagnosis	ICD-10-CM
S45.201D	Unspecified injury of axillary or brachial vein, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.201S	Unspecified injury of axillary or brachial vein, right side, sequela	Diagnosis	ICD-10-CM
S45.202	Unspecified injury of axillary or brachial vein, left side	Diagnosis	ICD-10-CM
S45.202A	Unspecified injury of axillary or brachial vein, left side, initial encounter	Diagnosis	ICD-10-CM
S45.202D	Unspecified injury of axillary or brachial vein, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.202S	Unspecified injury of axillary or brachial vein, left side, sequela	Diagnosis	ICD-10-CM
S45.209	Unspecified injury of axillary or brachial vein, unspecified side	Diagnosis	ICD-10-CM
S45.209A	Unspecified injury of axillary or brachial vein, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.209D	Unspecified injury of axillary or brachial vein, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.209S	Unspecified injury of axillary or brachial vein, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.21	Laceration of axillary or brachial vein	Diagnosis	ICD-10-CM
S45.211	Laceration of axillary or brachial vein, right side	Diagnosis	ICD-10-CM
S45.211A	Laceration of axillary or brachial vein, right side, initial encounter	Diagnosis	ICD-10-CM
S45.211D	Laceration of axillary or brachial vein, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.211S	Laceration of axillary or brachial vein, right side, sequela	Diagnosis	ICD-10-CM
S45.212	Laceration of axillary or brachial vein, left side	Diagnosis	ICD-10-CM
S45.212A	Laceration of axillary or brachial vein, left side, initial encounter	Diagnosis	ICD-10-CM
S45.212D	Laceration of axillary or brachial vein, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.212S	Laceration of axillary or brachial vein, left side, sequela	Diagnosis	ICD-10-CM
S45.219	Laceration of axillary or brachial vein, unspecified side	Diagnosis	ICD-10-CM
S45.219A	Laceration of axillary or brachial vein, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S45.219D	Laceration of axillary or brachial vein, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.219S	Laceration of axillary or brachial vein, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.29	Other specified injury of axillary or brachial vein	Diagnosis	ICD-10-CM
S45.291	Other specified injury of axillary or brachial vein, right side	Diagnosis	ICD-10-CM
S45.291A	Other specified injury of axillary or brachial vein, right side, initial encounter	Diagnosis	ICD-10-CM
S45.291D	Other specified injury of axillary or brachial vein, right side, subsequent encounter	Diagnosis	ICD-10-CM
S45.291S	Other specified injury of axillary or brachial vein, right side, sequela	Diagnosis	ICD-10-CM
S45.292	Other specified injury of axillary or brachial vein, left side	Diagnosis	ICD-10-CM
S45.292A	Other specified injury of axillary or brachial vein, left side, initial encounter	Diagnosis	ICD-10-CM
S45.292D	Other specified injury of axillary or brachial vein, left side, subsequent encounter	Diagnosis	ICD-10-CM
S45.292S	Other specified injury of axillary or brachial vein, left side, sequela	Diagnosis	ICD-10-CM
S45.299	Other specified injury of axillary or brachial vein, unspecified side	Diagnosis	ICD-10-CM
S45.299A	Other specified injury of axillary or brachial vein, unspecified side, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S45.299D	Other specified injury of axillary or brachial vein, unspecified side, subsequent encounter	Diagnosis	ICD-10-CM
S45.299S	Other specified injury of axillary or brachial vein, unspecified side, sequela	Diagnosis	ICD-10-CM
S45.3	Injury of superficial vein at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.30	Unspecified injury of superficial vein at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.301	Unspecified injury of superficial vein at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.301A	Unspecified injury of superficial vein at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.301D	Unspecified injury of superficial vein at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.301S	Unspecified injury of superficial vein at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.302	Unspecified injury of superficial vein at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.302A	Unspecified injury of superficial vein at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.302D	Unspecified injury of superficial vein at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.302S	Unspecified injury of superficial vein at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.309	Unspecified injury of superficial vein at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.309A	Unspecified injury of superficial vein at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.309D	Unspecified injury of superficial vein at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.309S	Unspecified injury of superficial vein at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.31	Laceration of superficial vein at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.311	Laceration of superficial vein at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.311A	Laceration of superficial vein at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.311D	Laceration of superficial vein at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.311S	Laceration of superficial vein at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.312	Laceration of superficial vein at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.312A	Laceration of superficial vein at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.312D	Laceration of superficial vein at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.312S	Laceration of superficial vein at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.319	Laceration of superficial vein at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.319A	Laceration of superficial vein at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.319D	Laceration of superficial vein at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S45.319S	Laceration of superficial vein at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.39	Other specified injury of superficial vein at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.391	Other specified injury of superficial vein at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.391A	Other specified injury of superficial vein at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.391D	Other specified injury of superficial vein at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.391S	Other specified injury of superficial vein at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.392	Other specified injury of superficial vein at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.392A	Other specified injury of superficial vein at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.392D	Other specified injury of superficial vein at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.392S	Other specified injury of superficial vein at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.399	Other specified injury of superficial vein at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.399A	Other specified injury of superficial vein at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.399D	Other specified injury of superficial vein at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.399S	Other specified injury of superficial vein at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.8	Injury of other specified blood vessels at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.80	Unspecified injury of other specified blood vessels at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.801	Unspecified injury of other specified blood vessels at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.801A	Unspecified injury of other specified blood vessels at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.801D	Unspecified injury of other specified blood vessels at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.801S	Unspecified injury of other specified blood vessels at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.802	Unspecified injury of other specified blood vessels at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.802A	Unspecified injury of other specified blood vessels at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.802D	Unspecified injury of other specified blood vessels at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S45.802S	Unspecified injury of other specified blood vessels at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.809	Unspecified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.809A	Unspecified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.809D	Unspecified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.809S	Unspecified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.81	Laceration of other specified blood vessels at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.811	Laceration of other specified blood vessels at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.811A	Laceration of other specified blood vessels at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.811D	Laceration of other specified blood vessels at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.811S	Laceration of other specified blood vessels at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.812	Laceration of other specified blood vessels at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.812A	Laceration of other specified blood vessels at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.812D	Laceration of other specified blood vessels at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.812S	Laceration of other specified blood vessels at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.819	Laceration of other specified blood vessels at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.819A	Laceration of other specified blood vessels at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.819D	Laceration of other specified blood vessels at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.819S	Laceration of other specified blood vessels at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.89	Other specified injury of other specified blood vessels at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.891	Other specified injury of other specified blood vessels at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.891A	Other specified injury of other specified blood vessels at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.891D	Other specified injury of other specified blood vessels at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.891S	Other specified injury of other specified blood vessels at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S45.892	Other specified injury of other specified blood vessels at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.892A	Other specified injury of other specified blood vessels at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.892D	Other specified injury of other specified blood vessels at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.892S	Other specified injury of other specified blood vessels at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.899	Other specified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.899A	Other specified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.899D	Other specified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.899S	Other specified injury of other specified blood vessels at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.9	Injury of unspecified blood vessel at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.90	Unspecified injury of unspecified blood vessel at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.901	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.901A	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.901D	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.901S	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.902	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.902A	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.902D	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.902S	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.909	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.909A	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.909D	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.909S	Unspecified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.91	Laceration of unspecified blood vessel at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.911	Laceration of unspecified blood vessel at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S45.911A	Laceration of unspecified blood vessel at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.911D	Laceration of unspecified blood vessel at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.911S	Laceration of unspecified blood vessel at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.912	Laceration of unspecified blood vessel at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.912A	Laceration of unspecified blood vessel at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.912D	Laceration of unspecified blood vessel at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.912S	Laceration of unspecified blood vessel at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.919	Laceration of unspecified blood vessel at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.919A	Laceration of unspecified blood vessel at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.919D	Laceration of unspecified blood vessel at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.919S	Laceration of unspecified blood vessel at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S45.99	Other specified injury of unspecified blood vessel at shoulder and upper arm level	Diagnosis	ICD-10-CM
S45.991	Other specified injury of unspecified blood vessel at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S45.991A	Other specified injury of unspecified blood vessel at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S45.991D	Other specified injury of unspecified blood vessel at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.991S	Other specified injury of unspecified blood vessel at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S45.992	Other specified injury of unspecified blood vessel at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S45.992A	Other specified injury of unspecified blood vessel at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S45.992D	Other specified injury of unspecified blood vessel at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S45.992S	Other specified injury of unspecified blood vessel at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S45.999	Other specified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S45.999A	Other specified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S45.999D	Other specified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S45.999S	Other specified injury of unspecified blood vessel at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46	Injury of muscle, fascia and tendon at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.0	Injury of muscle(s) and tendon(s) of the rotator cuff of shoulder	Diagnosis	ICD-10-CM
S46.00	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of shoulder	Diagnosis	ICD-10-CM
S46.001	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder	Diagnosis	ICD-10-CM
S46.001A	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.001D	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.001S	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder, sequela	Diagnosis	ICD-10-CM
S46.002	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder	Diagnosis	ICD-10-CM
S46.002A	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.002D	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.002S	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder, sequela	Diagnosis	ICD-10-CM
S46.009	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder	Diagnosis	ICD-10-CM
S46.009A	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.009D	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.009S	Unspecified injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S46.01	Strain of muscle(s) and tendon(s) of the rotator cuff of shoulder	Diagnosis	ICD-10-CM
S46.011	Strain of muscle(s) and tendon(s) of the rotator cuff of right shoulder	Diagnosis	ICD-10-CM
S46.011A	Strain of muscle(s) and tendon(s) of the rotator cuff of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.011D	Strain of muscle(s) and tendon(s) of the rotator cuff of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.011S	Strain of muscle(s) and tendon(s) of the rotator cuff of right shoulder, sequela	Diagnosis	ICD-10-CM
S46.012	Strain of muscle(s) and tendon(s) of the rotator cuff of left shoulder	Diagnosis	ICD-10-CM
S46.012A	Strain of muscle(s) and tendon(s) of the rotator cuff of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.012D	Strain of muscle(s) and tendon(s) of the rotator cuff of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.012S	Strain of muscle(s) and tendon(s) of the rotator cuff of left shoulder, sequela	Diagnosis	ICD-10-CM
S46.019	Strain of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder	Diagnosis	ICD-10-CM
S46.019A	Strain of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.019D	Strain of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S46.019S	Strain of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S46.02	Laceration of muscle(s) and tendon(s) of the rotator cuff of shoulder	Diagnosis	ICD-10-CM
S46.021	Laceration of muscle(s) and tendon(s) of the rotator cuff of right shoulder	Diagnosis	ICD-10-CM
S46.021A	Laceration of muscle(s) and tendon(s) of the rotator cuff of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.021D	Laceration of muscle(s) and tendon(s) of the rotator cuff of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.021S	Laceration of muscle(s) and tendon(s) of the rotator cuff of right shoulder, sequela	Diagnosis	ICD-10-CM
S46.022	Laceration of muscle(s) and tendon(s) of the rotator cuff of left shoulder	Diagnosis	ICD-10-CM
S46.022A	Laceration of muscle(s) and tendon(s) of the rotator cuff of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.022D	Laceration of muscle(s) and tendon(s) of the rotator cuff of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.022S	Laceration of muscle(s) and tendon(s) of the rotator cuff of left shoulder, sequela	Diagnosis	ICD-10-CM
S46.029	Laceration of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder	Diagnosis	ICD-10-CM
S46.029A	Laceration of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.029D	Laceration of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.029S	Laceration of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S46.09	Other injury of muscle(s) and tendon(s) of the rotator cuff of shoulder	Diagnosis	ICD-10-CM
S46.091	Other injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder	Diagnosis	ICD-10-CM
S46.091A	Other injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.091D	Other injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.091S	Other injury of muscle(s) and tendon(s) of the rotator cuff of right shoulder, sequela	Diagnosis	ICD-10-CM
S46.092	Other injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder	Diagnosis	ICD-10-CM
S46.092A	Other injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.092D	Other injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder, subsequent encounter	Diagnosis	ICD-10-CM
S46.092S	Other injury of muscle(s) and tendon(s) of the rotator cuff of left shoulder, sequela	Diagnosis	ICD-10-CM
S46.099	Other injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder	Diagnosis	ICD-10-CM
S46.099A	Other injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
S46.099D	Other injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S46.099S	Other injury of muscle(s) and tendon(s) of the rotator cuff of unspecified shoulder, sequela	Diagnosis	ICD-10-CM
S46.1	Injury of muscle, fascia and tendon of long head of biceps	Diagnosis	ICD-10-CM
S46.10	Unspecified injury of muscle, fascia and tendon of long head of biceps	Diagnosis	ICD-10-CM
S46.101	Unspecified injury of muscle, fascia and tendon of long head of biceps, right arm	Diagnosis	ICD-10-CM
S46.101A	Unspecified injury of muscle, fascia and tendon of long head of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.101D	Unspecified injury of muscle, fascia and tendon of long head of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.101S	Unspecified injury of muscle, fascia and tendon of long head of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.102	Unspecified injury of muscle, fascia and tendon of long head of biceps, left arm	Diagnosis	ICD-10-CM
S46.102A	Unspecified injury of muscle, fascia and tendon of long head of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.102D	Unspecified injury of muscle, fascia and tendon of long head of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.102S	Unspecified injury of muscle, fascia and tendon of long head of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.109	Unspecified injury of muscle, fascia and tendon of long head of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.109A	Unspecified injury of muscle, fascia and tendon of long head of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.109D	Unspecified injury of muscle, fascia and tendon of long head of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.109S	Unspecified injury of muscle, fascia and tendon of long head of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.11	Strain of muscle, fascia and tendon of long head of biceps	Diagnosis	ICD-10-CM
S46.111	Strain of muscle, fascia and tendon of long head of biceps, right arm	Diagnosis	ICD-10-CM
S46.111A	Strain of muscle, fascia and tendon of long head of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.111D	Strain of muscle, fascia and tendon of long head of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.111S	Strain of muscle, fascia and tendon of long head of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.112	Strain of muscle, fascia and tendon of long head of biceps, left arm	Diagnosis	ICD-10-CM
S46.112A	Strain of muscle, fascia and tendon of long head of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.112D	Strain of muscle, fascia and tendon of long head of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.112S	Strain of muscle, fascia and tendon of long head of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.119	Strain of muscle, fascia and tendon of long head of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.119A	Strain of muscle, fascia and tendon of long head of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.119D	Strain of muscle, fascia and tendon of long head of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S46.119S	Strain of muscle, fascia and tendon of long head of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.12	Laceration of muscle, fascia and tendon of long head of biceps	Diagnosis	ICD-10-CM
S46.121	Laceration of muscle, fascia and tendon of long head of biceps, right arm	Diagnosis	ICD-10-CM
S46.121A	Laceration of muscle, fascia and tendon of long head of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.121D	Laceration of muscle, fascia and tendon of long head of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.121S	Laceration of muscle, fascia and tendon of long head of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.122	Laceration of muscle, fascia and tendon of long head of biceps, left arm	Diagnosis	ICD-10-CM
S46.122A	Laceration of muscle, fascia and tendon of long head of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.122D	Laceration of muscle, fascia and tendon of long head of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.122S	Laceration of muscle, fascia and tendon of long head of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.129	Laceration of muscle, fascia and tendon of long head of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.129A	Laceration of muscle, fascia and tendon of long head of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.129D	Laceration of muscle, fascia and tendon of long head of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.129S	Laceration of muscle, fascia and tendon of long head of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.19	Other injury of muscle, fascia and tendon of long head of biceps	Diagnosis	ICD-10-CM
S46.191	Other injury of muscle, fascia and tendon of long head of biceps, right arm	Diagnosis	ICD-10-CM
S46.191A	Other injury of muscle, fascia and tendon of long head of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.191D	Other injury of muscle, fascia and tendon of long head of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.191S	Other injury of muscle, fascia and tendon of long head of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.192	Other injury of muscle, fascia and tendon of long head of biceps, left arm	Diagnosis	ICD-10-CM
S46.192A	Other injury of muscle, fascia and tendon of long head of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.192D	Other injury of muscle, fascia and tendon of long head of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.192S	Other injury of muscle, fascia and tendon of long head of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.199	Other injury of muscle, fascia and tendon of long head of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.199A	Other injury of muscle, fascia and tendon of long head of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.199D	Other injury of muscle, fascia and tendon of long head of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.199S	Other injury of muscle, fascia and tendon of long head of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.2	Injury of muscle, fascia and tendon of other parts of biceps	Diagnosis	ICD-10-CM
S46.20	Unspecified injury of muscle, fascia and tendon of other parts of biceps	Diagnosis	ICD-10-CM
S46.201	Unspecified injury of muscle, fascia and tendon of other parts of biceps, right arm	Diagnosis	ICD-10-CM
S46.201A	Unspecified injury of muscle, fascia and tendon of other parts of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.201D	Unspecified injury of muscle, fascia and tendon of other parts of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.201S	Unspecified injury of muscle, fascia and tendon of other parts of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.202	Unspecified injury of muscle, fascia and tendon of other parts of biceps, left arm	Diagnosis	ICD-10-CM
S46.202A	Unspecified injury of muscle, fascia and tendon of other parts of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.202D	Unspecified injury of muscle, fascia and tendon of other parts of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.202S	Unspecified injury of muscle, fascia and tendon of other parts of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.209	Unspecified injury of muscle, fascia and tendon of other parts of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.209A	Unspecified injury of muscle, fascia and tendon of other parts of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.209D	Unspecified injury of muscle, fascia and tendon of other parts of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.209S	Unspecified injury of muscle, fascia and tendon of other parts of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.21	Strain of muscle, fascia and tendon of other parts of biceps	Diagnosis	ICD-10-CM
S46.211	Strain of muscle, fascia and tendon of other parts of biceps, right arm	Diagnosis	ICD-10-CM
S46.211A	Strain of muscle, fascia and tendon of other parts of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.211D	Strain of muscle, fascia and tendon of other parts of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.211S	Strain of muscle, fascia and tendon of other parts of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.212	Strain of muscle, fascia and tendon of other parts of biceps, left arm	Diagnosis	ICD-10-CM
S46.212A	Strain of muscle, fascia and tendon of other parts of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.212D	Strain of muscle, fascia and tendon of other parts of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.212S	Strain of muscle, fascia and tendon of other parts of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.219	Strain of muscle, fascia and tendon of other parts of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.219A	Strain of muscle, fascia and tendon of other parts of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.219D	Strain of muscle, fascia and tendon of other parts of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.219S	Strain of muscle, fascia and tendon of other parts of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.22	Laceration of muscle, fascia and tendon of other parts of biceps	Diagnosis	ICD-10-CM
S46.221	Laceration of muscle, fascia and tendon of other parts of biceps, right arm	Diagnosis	ICD-10-CM
S46.221A	Laceration of muscle, fascia and tendon of other parts of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.221D	Laceration of muscle, fascia and tendon of other parts of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.221S	Laceration of muscle, fascia and tendon of other parts of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.222	Laceration of muscle, fascia and tendon of other parts of biceps, left arm	Diagnosis	ICD-10-CM
S46.222A	Laceration of muscle, fascia and tendon of other parts of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.222D	Laceration of muscle, fascia and tendon of other parts of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.222S	Laceration of muscle, fascia and tendon of other parts of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.229	Laceration of muscle, fascia and tendon of other parts of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.229A	Laceration of muscle, fascia and tendon of other parts of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.229D	Laceration of muscle, fascia and tendon of other parts of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.229S	Laceration of muscle, fascia and tendon of other parts of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.29	Other injury of muscle, fascia and tendon of other parts of biceps	Diagnosis	ICD-10-CM
S46.291	Other injury of muscle, fascia and tendon of other parts of biceps, right arm	Diagnosis	ICD-10-CM
S46.291A	Other injury of muscle, fascia and tendon of other parts of biceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.291D	Other injury of muscle, fascia and tendon of other parts of biceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.291S	Other injury of muscle, fascia and tendon of other parts of biceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.292	Other injury of muscle, fascia and tendon of other parts of biceps, left arm	Diagnosis	ICD-10-CM
S46.292A	Other injury of muscle, fascia and tendon of other parts of biceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.292D	Other injury of muscle, fascia and tendon of other parts of biceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.292S	Other injury of muscle, fascia and tendon of other parts of biceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.299	Other injury of muscle, fascia and tendon of other parts of biceps, unspecified arm	Diagnosis	ICD-10-CM
S46.299A	Other injury of muscle, fascia and tendon of other parts of biceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.299D	Other injury of muscle, fascia and tendon of other parts of biceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.299S	Other injury of muscle, fascia and tendon of other parts of biceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.3	Injury of muscle, fascia and tendon of triceps	Diagnosis	ICD-10-CM
S46.30	Unspecified injury of muscle, fascia and tendon of triceps	Diagnosis	ICD-10-CM
S46.301	Unspecified injury of muscle, fascia and tendon of triceps, right arm	Diagnosis	ICD-10-CM
S46.301A	Unspecified injury of muscle, fascia and tendon of triceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.301D	Unspecified injury of muscle, fascia and tendon of triceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.301S	Unspecified injury of muscle, fascia and tendon of triceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.302	Unspecified injury of muscle, fascia and tendon of triceps, left arm	Diagnosis	ICD-10-CM
S46.302A	Unspecified injury of muscle, fascia and tendon of triceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.302D	Unspecified injury of muscle, fascia and tendon of triceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.302S	Unspecified injury of muscle, fascia and tendon of triceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.309	Unspecified injury of muscle, fascia and tendon of triceps, unspecified arm	Diagnosis	ICD-10-CM
S46.309A	Unspecified injury of muscle, fascia and tendon of triceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.309D	Unspecified injury of muscle, fascia and tendon of triceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.309S	Unspecified injury of muscle, fascia and tendon of triceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.31	Strain of muscle, fascia and tendon of triceps	Diagnosis	ICD-10-CM
S46.311	Strain of muscle, fascia and tendon of triceps, right arm	Diagnosis	ICD-10-CM
S46.311A	Strain of muscle, fascia and tendon of triceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.311D	Strain of muscle, fascia and tendon of triceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.311S	Strain of muscle, fascia and tendon of triceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.312	Strain of muscle, fascia and tendon of triceps, left arm	Diagnosis	ICD-10-CM
S46.312A	Strain of muscle, fascia and tendon of triceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.312D	Strain of muscle, fascia and tendon of triceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.312S	Strain of muscle, fascia and tendon of triceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.319	Strain of muscle, fascia and tendon of triceps, unspecified arm	Diagnosis	ICD-10-CM
S46.319A	Strain of muscle, fascia and tendon of triceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.319D	Strain of muscle, fascia and tendon of triceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.319S	Strain of muscle, fascia and tendon of triceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.32	Laceration of muscle, fascia and tendon of triceps	Diagnosis	ICD-10-CM
S46.321	Laceration of muscle, fascia and tendon of triceps, right arm	Diagnosis	ICD-10-CM
S46.321A	Laceration of muscle, fascia and tendon of triceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.321D	Laceration of muscle, fascia and tendon of triceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.321S	Laceration of muscle, fascia and tendon of triceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.322	Laceration of muscle, fascia and tendon of triceps, left arm	Diagnosis	ICD-10-CM
S46.322A	Laceration of muscle, fascia and tendon of triceps, left arm, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S46.322D	Laceration of muscle, fascia and tendon of triceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.322S	Laceration of muscle, fascia and tendon of triceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.329	Laceration of muscle, fascia and tendon of triceps, unspecified arm	Diagnosis	ICD-10-CM
S46.329A	Laceration of muscle, fascia and tendon of triceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.329D	Laceration of muscle, fascia and tendon of triceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.329S	Laceration of muscle, fascia and tendon of triceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.39	Other injury of muscle, fascia and tendon of triceps	Diagnosis	ICD-10-CM
S46.391	Other injury of muscle, fascia and tendon of triceps, right arm	Diagnosis	ICD-10-CM
S46.391A	Other injury of muscle, fascia and tendon of triceps, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.391D	Other injury of muscle, fascia and tendon of triceps, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.391S	Other injury of muscle, fascia and tendon of triceps, right arm, sequela	Diagnosis	ICD-10-CM
S46.392	Other injury of muscle, fascia and tendon of triceps, left arm	Diagnosis	ICD-10-CM
S46.392A	Other injury of muscle, fascia and tendon of triceps, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.392D	Other injury of muscle, fascia and tendon of triceps, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.392S	Other injury of muscle, fascia and tendon of triceps, left arm, sequela	Diagnosis	ICD-10-CM
S46.399	Other injury of muscle, fascia and tendon of triceps, unspecified arm	Diagnosis	ICD-10-CM
S46.399A	Other injury of muscle, fascia and tendon of triceps, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.399D	Other injury of muscle, fascia and tendon of triceps, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.399S	Other injury of muscle, fascia and tendon of triceps, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.8	Injury of other muscles, fascia and tendons at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.80	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.801	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.801A	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.801D	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.801S	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.802	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.802A	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.802D	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.802S	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.809	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.809A	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.809D	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.809S	Unspecified injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.81	Strain of other muscles, fascia and tendons at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.811	Strain of other muscles, fascia and tendons at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.811A	Strain of other muscles, fascia and tendons at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.811D	Strain of other muscles, fascia and tendons at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.811S	Strain of other muscles, fascia and tendons at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.812	Strain of other muscles, fascia and tendons at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.812A	Strain of other muscles, fascia and tendons at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.812D	Strain of other muscles, fascia and tendons at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.812S	Strain of other muscles, fascia and tendons at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.819	Strain of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.819A	Strain of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.819D	Strain of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.819S	Strain of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.82	Laceration of other muscles, fascia and tendons at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.821	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.821A	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.821D	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.821S	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.822	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.822A	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.822D	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.822S	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.829	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.829A	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.829D	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.829S	Laceration of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.89	Other injury of other muscles, fascia and tendons at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.891	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.891A	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.891D	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.891S	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.892	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.892A	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.892D	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.892S	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.899	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.899A	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.899D	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.899S	Other injury of other muscles, fascia and tendons at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.9	Injury of unspecified muscle, fascia and tendon at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.90	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.901	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.901A	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.901D	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.901S	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.902	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.902A	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.902D	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.902S	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.909	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.909A	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.909D	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.909S	Unspecified injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.91	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.911	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.911A	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.911D	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.911S	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.912	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.912A	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.912D	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.912S	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.919	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.919A	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.919D	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.919S	Strain of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.92	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.921	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.921A	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.921D	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.921S	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.922	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.922A	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.922D	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.922S	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.929	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.929A	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.929D	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.929S	Laceration of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S46.99	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level	Diagnosis	ICD-10-CM
S46.991	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm	Diagnosis	ICD-10-CM
S46.991A	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S46.991D	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.991S	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, right arm, sequela	Diagnosis	ICD-10-CM
S46.992	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm	Diagnosis	ICD-10-CM
S46.992A	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S46.992D	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S46.992S	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, left arm, sequela	Diagnosis	ICD-10-CM
S46.999	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm	Diagnosis	ICD-10-CM
S46.999A	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S46.999D	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S46.999S	Other injury of unspecified muscle, fascia and tendon at shoulder and upper arm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S47	Crushing injury of shoulder and upper arm	Diagnosis	ICD-10-CM
S47.1	Crushing injury of right shoulder and upper arm	Diagnosis	ICD-10-CM
S47.1XXA	Crushing injury of right shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S47.1XXD	Crushing injury of right shoulder and upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S47.1XXS	Crushing injury of right shoulder and upper arm, sequela	Diagnosis	ICD-10-CM
S47.2	Crushing injury of left shoulder and upper arm	Diagnosis	ICD-10-CM
S47.2XXA	Crushing injury of left shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S47.2XXD	Crushing injury of left shoulder and upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S47.2XXS	Crushing injury of left shoulder and upper arm, sequela	Diagnosis	ICD-10-CM
S47.9	Crushing injury of shoulder and upper arm, unspecified arm	Diagnosis	ICD-10-CM
S47.9XXA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S47.9XXD	Crushing injury of shoulder and upper arm, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S47.9XXS	Crushing injury of shoulder and upper arm, unspecified arm, sequela	Diagnosis	ICD-10-CM
S48	Traumatic amputation of shoulder and upper arm	Diagnosis	ICD-10-CM
S48.0	Traumatic amputation at shoulder joint	Diagnosis	ICD-10-CM
S48.01	Complete traumatic amputation at shoulder joint	Diagnosis	ICD-10-CM
S48.011	Complete traumatic amputation at right shoulder joint	Diagnosis	ICD-10-CM
S48.011A	Complete traumatic amputation at right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S48.011D	Complete traumatic amputation at right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S48.011S	Complete traumatic amputation at right shoulder joint, sequela	Diagnosis	ICD-10-CM
S48.012	Complete traumatic amputation at left shoulder joint	Diagnosis	ICD-10-CM
S48.012A	Complete traumatic amputation at left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S48.012D	Complete traumatic amputation at left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S48.012S	Complete traumatic amputation at left shoulder joint, sequela	Diagnosis	ICD-10-CM
S48.019	Complete traumatic amputation at unspecified shoulder joint	Diagnosis	ICD-10-CM
S48.019A	Complete traumatic amputation at unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S48.019D	Complete traumatic amputation at unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S48.019S	Complete traumatic amputation at unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S48.02	Partial traumatic amputation at shoulder joint	Diagnosis	ICD-10-CM
S48.021	Partial traumatic amputation at right shoulder joint	Diagnosis	ICD-10-CM
S48.021A	Partial traumatic amputation at right shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S48.021D	Partial traumatic amputation at right shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S48.021S	Partial traumatic amputation at right shoulder joint, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S48.022	Partial traumatic amputation at left shoulder joint	Diagnosis	ICD-10-CM
S48.022A	Partial traumatic amputation at left shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S48.022D	Partial traumatic amputation at left shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S48.022S	Partial traumatic amputation at left shoulder joint, sequela	Diagnosis	ICD-10-CM
S48.029	Partial traumatic amputation at unspecified shoulder joint	Diagnosis	ICD-10-CM
S48.029A	Partial traumatic amputation at unspecified shoulder joint, initial encounter	Diagnosis	ICD-10-CM
S48.029D	Partial traumatic amputation at unspecified shoulder joint, subsequent encounter	Diagnosis	ICD-10-CM
S48.029S	Partial traumatic amputation at unspecified shoulder joint, sequela	Diagnosis	ICD-10-CM
S48.1	Traumatic amputation at level between shoulder and elbow	Diagnosis	ICD-10-CM
S48.11	Complete traumatic amputation at level between shoulder and elbow	Diagnosis	ICD-10-CM
S48.111	Complete traumatic amputation at level between right shoulder and elbow	Diagnosis	ICD-10-CM
S48.111A	Complete traumatic amputation at level between right shoulder and elbow, initial encounter	Diagnosis	ICD-10-CM
S48.111D	Complete traumatic amputation at level between right shoulder and elbow, subsequent encounter	Diagnosis	ICD-10-CM
S48.111S	Complete traumatic amputation at level between right shoulder and elbow, sequela	Diagnosis	ICD-10-CM
S48.112	Complete traumatic amputation at level between left shoulder and elbow	Diagnosis	ICD-10-CM
S48.112A	Complete traumatic amputation at level between left shoulder and elbow, initial encounter	Diagnosis	ICD-10-CM
S48.112D	Complete traumatic amputation at level between left shoulder and elbow, subsequent encounter	Diagnosis	ICD-10-CM
S48.112S	Complete traumatic amputation at level between left shoulder and elbow, sequela	Diagnosis	ICD-10-CM
S48.119	Complete traumatic amputation at level between unspecified shoulder and elbow	Diagnosis	ICD-10-CM
S48.119A	Complete traumatic amputation at level between unspecified shoulder and elbow, initial encounter	Diagnosis	ICD-10-CM
S48.119D	Complete traumatic amputation at level between unspecified shoulder and elbow, subsequent encounter	Diagnosis	ICD-10-CM
S48.119S	Complete traumatic amputation at level between unspecified shoulder and elbow, sequela	Diagnosis	ICD-10-CM
S48.12	Partial traumatic amputation at level between shoulder and elbow	Diagnosis	ICD-10-CM
S48.121	Partial traumatic amputation at level between right shoulder and elbow	Diagnosis	ICD-10-CM
S48.121A	Partial traumatic amputation at level between right shoulder and elbow, initial encounter	Diagnosis	ICD-10-CM
S48.121D	Partial traumatic amputation at level between right shoulder and elbow, subsequent encounter	Diagnosis	ICD-10-CM
S48.121S	Partial traumatic amputation at level between right shoulder and elbow, sequela	Diagnosis	ICD-10-CM
S48.122	Partial traumatic amputation at level between left shoulder and elbow	Diagnosis	ICD-10-CM
S48.122A	Partial traumatic amputation at level between left shoulder and elbow, initial encounter	Diagnosis	ICD-10-CM
S48.122D	Partial traumatic amputation at level between left shoulder and elbow, subsequent encounter	Diagnosis	ICD-10-CM
S48.122S	Partial traumatic amputation at level between left shoulder and elbow, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S48.129	Partial traumatic amputation at level between unspecified shoulder and elbow	Diagnosis	ICD-10-CM
S48.129A	Partial traumatic amputation at level between unspecified shoulder and elbow, initial encounter	Diagnosis	ICD-10-CM
S48.129D	Partial traumatic amputation at level between unspecified shoulder and elbow, subsequent encounter	Diagnosis	ICD-10-CM
S48.129S	Partial traumatic amputation at level between unspecified shoulder and elbow, sequela	Diagnosis	ICD-10-CM
S48.9	Traumatic amputation of shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.91	Complete traumatic amputation of shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.911	Complete traumatic amputation of right shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.911A	Complete traumatic amputation of right shoulder and upper arm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S48.911D	Complete traumatic amputation of right shoulder and upper arm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S48.911S	Complete traumatic amputation of right shoulder and upper arm, level unspecified, sequela	Diagnosis	ICD-10-CM
S48.912	Complete traumatic amputation of left shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.912A	Complete traumatic amputation of left shoulder and upper arm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S48.912D	Complete traumatic amputation of left shoulder and upper arm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S48.912S	Complete traumatic amputation of left shoulder and upper arm, level unspecified, sequela	Diagnosis	ICD-10-CM
S48.919	Complete traumatic amputation of unspecified shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.919A	Complete traumatic amputation of unspecified shoulder and upper arm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S48.919D	Complete traumatic amputation of unspecified shoulder and upper arm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S48.919S	Complete traumatic amputation of unspecified shoulder and upper arm, level unspecified, sequela	Diagnosis	ICD-10-CM
S48.92	Partial traumatic amputation of shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.921	Partial traumatic amputation of right shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.921A	Partial traumatic amputation of right shoulder and upper arm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S48.921D	Partial traumatic amputation of right shoulder and upper arm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S48.921S	Partial traumatic amputation of right shoulder and upper arm, level unspecified, sequela	Diagnosis	ICD-10-CM
S48.922	Partial traumatic amputation of left shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.922A	Partial traumatic amputation of left shoulder and upper arm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S48.922D	Partial traumatic amputation of left shoulder and upper arm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S48.922S	Partial traumatic amputation of left shoulder and upper arm, level unspecified, sequela	Diagnosis	ICD-10-CM
S48.929	Partial traumatic amputation of unspecified shoulder and upper arm, level unspecified	Diagnosis	ICD-10-CM
S48.929A	Partial traumatic amputation of unspecified shoulder and upper arm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S48.929D	Partial traumatic amputation of unspecified shoulder and upper arm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S48.929S	Partial traumatic amputation of unspecified shoulder and upper arm, level unspecified, sequela	Diagnosis	ICD-10-CM
S49	Other and unspecified injuries of shoulder and upper arm	Diagnosis	ICD-10-CM
S49.0	Physal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.00	Unspecified physal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.001	Unspecified physal fracture of upper end of humerus, right arm	Diagnosis	ICD-10-CM
S49.001A	Unspecified physal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.001D	Unspecified physal fracture of upper end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.001G	Unspecified physal fracture of upper end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.001K	Unspecified physal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.001P	Unspecified physal fracture of upper end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.001S	Unspecified physal fracture of upper end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.002	Unspecified physal fracture of upper end of humerus, left arm	Diagnosis	ICD-10-CM
S49.002A	Unspecified physal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002D	Unspecified physal fracture of upper end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.002G	Unspecified physal fracture of upper end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.002K	Unspecified physal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.002P	Unspecified physal fracture of upper end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.002S	Unspecified physal fracture of upper end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.009	Unspecified physal fracture of upper end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.009A	Unspecified physal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009D	Unspecified physal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.009G	Unspecified physal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.009K	Unspecified physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.009P	Unspecified physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.009S	Unspecified physeal fracture of upper end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.01	Salter-Harris Type I physeal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.011	Salter-Harris Type I physeal fracture of upper end of humerus, right arm	Diagnosis	ICD-10-CM
S49.011A	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.011D	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.011G	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.011K	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.011P	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.011S	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.012	Salter-Harris Type I physeal fracture of upper end of humerus, left arm	Diagnosis	ICD-10-CM
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.012D	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.012G	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.012K	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.012P	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.012S	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.019	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.019A	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.019D	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.019G	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.019K	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.019P	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.019S	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.02	Salter-Harris Type II physeal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.021	Salter-Harris Type II physeal fracture of upper end of humerus, right arm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.021D	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.021G	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.021K	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.021P	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.021S	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.022	Salter-Harris Type II physeal fracture of upper end of humerus, left arm	Diagnosis	ICD-10-CM
S49.022A	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.022D	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.022G	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.022K	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.022P	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.022S	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.029	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.029D	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.029G	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.029K	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.029P	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.029S	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.03	Salter-Harris Type III physeal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.031	Salter-Harris Type III physeal fracture of upper end of humerus, right arm	Diagnosis	ICD-10-CM
S49.031A	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.031D	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.031G	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.031K	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.031P	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.031S	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.032	Salter-Harris Type III physeal fracture of upper end of humerus, left arm	Diagnosis	ICD-10-CM
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.032D	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.032G	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.032K	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.032P	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.032S	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.039	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.039A	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.039D	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.039G	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.039K	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.039P	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.039S	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.04	Salter-Harris Type IV physeal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.041	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm	Diagnosis	ICD-10-CM
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.041D	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.041G	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.041K	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.041P	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.041S	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.042	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm	Diagnosis	ICD-10-CM
S49.042A	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.042D	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.042G	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.042K	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.042P	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.042S	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.049	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.049D	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.049G	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.049K	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.049P	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.049S	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.09	Other physeal fracture of upper end of humerus	Diagnosis	ICD-10-CM
S49.091	Other physeal fracture of upper end of humerus, right arm	Diagnosis	ICD-10-CM
S49.091A	Other physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.091D	Other physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.091G	Other physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.091K	Other physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.091P	Other physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.091S	Other physeal fracture of upper end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.092	Other physeal fracture of upper end of humerus, left arm	Diagnosis	ICD-10-CM
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.092D	Other physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.092G	Other physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.092K	Other physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.092P	Other physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.092S	Other physeal fracture of upper end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.099	Other physeal fracture of upper end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.099A	Other physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.099D	Other physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.099G	Other physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.099K	Other physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.099P	Other physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.099S	Other physeal fracture of upper end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.1	Physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.10	Unspecified physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.101	Unspecified physeal fracture of lower end of humerus, right arm	Diagnosis	ICD-10-CM
S49.101A	Unspecified physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.101D	Unspecified physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.101G	Unspecified physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.101K	Unspecified physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.101P	Unspecified physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.101S	Unspecified physeal fracture of lower end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.102	Unspecified physeal fracture of lower end of humerus, left arm	Diagnosis	ICD-10-CM
S49.102A	Unspecified physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.102D	Unspecified physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.102G	Unspecified physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.102K	Unspecified physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.102P	Unspecified physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.102S	Unspecified physeal fracture of lower end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.109	Unspecified physeal fracture of lower end of humerus, unspecified arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S49.109A	Unspecified physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.109D	Unspecified physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.109G	Unspecified physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.109K	Unspecified physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.109P	Unspecified physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.109S	Unspecified physeal fracture of lower end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.11	Salter-Harris Type I physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.111	Salter-Harris Type I physeal fracture of lower end of humerus, right arm	Diagnosis	ICD-10-CM
S49.111A	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.111D	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.111G	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.111K	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.111P	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.111S	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.112	Salter-Harris Type I physeal fracture of lower end of humerus, left arm	Diagnosis	ICD-10-CM
S49.112A	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.112D	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.112G	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.112K	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.112P	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.112S	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.119	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.119A	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.119D	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.119G	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.119K	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S49.119P	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.119S	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.12	Salter-Harris Type II physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.121	Salter-Harris Type II physeal fracture of lower end of humerus, right arm	Diagnosis	ICD-10-CM
S49.121A	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.121D	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.121G	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.121K	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.121P	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.121S	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.122	Salter-Harris Type II physeal fracture of lower end of humerus, left arm	Diagnosis	ICD-10-CM
S49.122A	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.122D	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.122G	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.122K	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.122P	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.122S	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.129	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.129A	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.129D	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.129G	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.129K	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.129P	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.129S	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.13	Salter-Harris Type III physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.131	Salter-Harris Type III physeal fracture of lower end of humerus, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S49.131A	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.131D	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.131G	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.131K	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.131P	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.131S	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.132	Salter-Harris Type III physeal fracture of lower end of humerus, left arm	Diagnosis	ICD-10-CM
S49.132A	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.132D	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.132G	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.132K	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.132P	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.132S	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.139	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.139A	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.139D	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.139G	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.139K	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.139P	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.139S	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.14	Salter-Harris Type IV physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.141	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm	Diagnosis	ICD-10-CM
S49.141A	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.141D	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.141G	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S49.141K	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.141P	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.141S	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.142	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm	Diagnosis	ICD-10-CM
S49.142A	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.142D	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.142G	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.142K	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.142P	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.142S	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.149	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.149D	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.149G	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.149K	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.149P	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.149S	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.19	Other physeal fracture of lower end of humerus	Diagnosis	ICD-10-CM
S49.191	Other physeal fracture of lower end of humerus, right arm	Diagnosis	ICD-10-CM
S49.191A	Other physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.191D	Other physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.191G	Other physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.191K	Other physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.191P	Other physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.191S	Other physeal fracture of lower end of humerus, right arm, sequela	Diagnosis	ICD-10-CM
S49.192	Other physeal fracture of lower end of humerus, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.192D	Other physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.192G	Other physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.192K	Other physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.192P	Other physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.192S	Other physeal fracture of lower end of humerus, left arm, sequela	Diagnosis	ICD-10-CM
S49.199	Other physeal fracture of lower end of humerus, unspecified arm	Diagnosis	ICD-10-CM
S49.199A	Other physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.199D	Other physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S49.199G	Other physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S49.199K	Other physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S49.199P	Other physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S49.199S	Other physeal fracture of lower end of humerus, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.8	Other specified injuries of shoulder and upper arm	Diagnosis	ICD-10-CM
S49.80	Other specified injuries of shoulder and upper arm, unspecified arm	Diagnosis	ICD-10-CM
S49.80XA	Other specified injuries of shoulder and upper arm, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S49.80XD	Other specified injuries of shoulder and upper arm, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S49.80XS	Other specified injuries of shoulder and upper arm, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.81	Other specified injuries of right shoulder and upper arm	Diagnosis	ICD-10-CM
S49.81XA	Other specified injuries of right shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S49.81XD	Other specified injuries of right shoulder and upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S49.81XS	Other specified injuries of right shoulder and upper arm, sequela	Diagnosis	ICD-10-CM
S49.82	Other specified injuries of left shoulder and upper arm	Diagnosis	ICD-10-CM
S49.82XA	Other specified injuries of left shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S49.82XD	Other specified injuries of left shoulder and upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S49.82XS	Other specified injuries of left shoulder and upper arm, sequela	Diagnosis	ICD-10-CM
S49.9	Unspecified injury of shoulder and upper arm	Diagnosis	ICD-10-CM
S49.90	Unspecified injury of shoulder and upper arm, unspecified arm	Diagnosis	ICD-10-CM
S49.90XA	Unspecified injury of shoulder and upper arm, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S49.90XD	Unspecified injury of shoulder and upper arm, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S49.90XS	Unspecified injury of shoulder and upper arm, unspecified arm, sequela	Diagnosis	ICD-10-CM
S49.91	Unspecified injury of right shoulder and upper arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S49.91XA	Unspecified injury of right shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S49.91XD	Unspecified injury of right shoulder and upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S49.91XS	Unspecified injury of right shoulder and upper arm, sequela	Diagnosis	ICD-10-CM
S49.92	Unspecified injury of left shoulder and upper arm	Diagnosis	ICD-10-CM
S49.92XA	Unspecified injury of left shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S49.92XD	Unspecified injury of left shoulder and upper arm, subsequent encounter	Diagnosis	ICD-10-CM
S49.92XS	Unspecified injury of left shoulder and upper arm, sequela	Diagnosis	ICD-10-CM
S50	Superficial injury of elbow and forearm	Diagnosis	ICD-10-CM
S50.0	Contusion of elbow	Diagnosis	ICD-10-CM
S50.00	Contusion of unspecified elbow	Diagnosis	ICD-10-CM
S50.00XA	Contusion of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.00XD	Contusion of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.00XS	Contusion of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.01	Contusion of right elbow	Diagnosis	ICD-10-CM
S50.01XA	Contusion of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.01XD	Contusion of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.01XS	Contusion of right elbow, sequela	Diagnosis	ICD-10-CM
S50.02	Contusion of left elbow	Diagnosis	ICD-10-CM
S50.02XA	Contusion of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.02XD	Contusion of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.02XS	Contusion of left elbow, sequela	Diagnosis	ICD-10-CM
S50.1	Contusion of forearm	Diagnosis	ICD-10-CM
S50.10	Contusion of unspecified forearm	Diagnosis	ICD-10-CM
S50.10XA	Contusion of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.10XD	Contusion of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.10XS	Contusion of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.11	Contusion of right forearm	Diagnosis	ICD-10-CM
S50.11XA	Contusion of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.11XD	Contusion of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.11XS	Contusion of right forearm, sequela	Diagnosis	ICD-10-CM
S50.12	Contusion of left forearm	Diagnosis	ICD-10-CM
S50.12XA	Contusion of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.12XD	Contusion of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.12XS	Contusion of left forearm, sequela	Diagnosis	ICD-10-CM
S50.3	Other superficial injuries of elbow	Diagnosis	ICD-10-CM
S50.31	Abrasion of elbow	Diagnosis	ICD-10-CM
S50.311	Abrasion of right elbow	Diagnosis	ICD-10-CM
S50.311A	Abrasion of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.311D	Abrasion of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.311S	Abrasion of right elbow, sequela	Diagnosis	ICD-10-CM
S50.312	Abrasion of left elbow	Diagnosis	ICD-10-CM
S50.312A	Abrasion of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.312D	Abrasion of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.312S	Abrasion of left elbow, sequela	Diagnosis	ICD-10-CM
S50.319	Abrasion of unspecified elbow	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S50.319A	Abrasion of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.319D	Abrasion of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.319S	Abrasion of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.32	Blister (nonthermal) of elbow	Diagnosis	ICD-10-CM
S50.321	Blister (nonthermal) of right elbow	Diagnosis	ICD-10-CM
S50.321A	Blister (nonthermal) of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.321D	Blister (nonthermal) of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.321S	Blister (nonthermal) of right elbow, sequela	Diagnosis	ICD-10-CM
S50.322	Blister (nonthermal) of left elbow	Diagnosis	ICD-10-CM
S50.322A	Blister (nonthermal) of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.322D	Blister (nonthermal) of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.322S	Blister (nonthermal) of left elbow, sequela	Diagnosis	ICD-10-CM
S50.329	Blister (nonthermal) of unspecified elbow	Diagnosis	ICD-10-CM
S50.329A	Blister (nonthermal) of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.329D	Blister (nonthermal) of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.329S	Blister (nonthermal) of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.34	External constriction of elbow	Diagnosis	ICD-10-CM
S50.341	External constriction of right elbow	Diagnosis	ICD-10-CM
S50.341A	External constriction of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.341D	External constriction of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.341S	External constriction of right elbow, sequela	Diagnosis	ICD-10-CM
S50.342	External constriction of left elbow	Diagnosis	ICD-10-CM
S50.342A	External constriction of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.342D	External constriction of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.342S	External constriction of left elbow, sequela	Diagnosis	ICD-10-CM
S50.349	External constriction of unspecified elbow	Diagnosis	ICD-10-CM
S50.349A	External constriction of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.349D	External constriction of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.349S	External constriction of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.35	Superficial foreign body of elbow	Diagnosis	ICD-10-CM
S50.351	Superficial foreign body of right elbow	Diagnosis	ICD-10-CM
S50.351A	Superficial foreign body of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.351D	Superficial foreign body of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.351S	Superficial foreign body of right elbow, sequela	Diagnosis	ICD-10-CM
S50.352	Superficial foreign body of left elbow	Diagnosis	ICD-10-CM
S50.352A	Superficial foreign body of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.352D	Superficial foreign body of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.352S	Superficial foreign body of left elbow, sequela	Diagnosis	ICD-10-CM
S50.359	Superficial foreign body of unspecified elbow	Diagnosis	ICD-10-CM
S50.359A	Superficial foreign body of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.359D	Superficial foreign body of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.359S	Superficial foreign body of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.36	Insect bite (nonvenomous) of elbow	Diagnosis	ICD-10-CM
S50.361	Insect bite (nonvenomous) of right elbow	Diagnosis	ICD-10-CM
S50.361A	Insect bite (nonvenomous) of right elbow, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S50.361D	Insect bite (nonvenomous) of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.361S	Insect bite (nonvenomous) of right elbow, sequela	Diagnosis	ICD-10-CM
S50.362	Insect bite (nonvenomous) of left elbow	Diagnosis	ICD-10-CM
S50.362A	Insect bite (nonvenomous) of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.362D	Insect bite (nonvenomous) of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.362S	Insect bite (nonvenomous) of left elbow, sequela	Diagnosis	ICD-10-CM
S50.369	Insect bite (nonvenomous) of unspecified elbow	Diagnosis	ICD-10-CM
S50.369A	Insect bite (nonvenomous) of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.369D	Insect bite (nonvenomous) of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.369S	Insect bite (nonvenomous) of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.37	Other superficial bite of elbow	Diagnosis	ICD-10-CM
S50.371	Other superficial bite of right elbow	Diagnosis	ICD-10-CM
S50.371A	Other superficial bite of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.371D	Other superficial bite of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.371S	Other superficial bite of right elbow, sequela	Diagnosis	ICD-10-CM
S50.372	Other superficial bite of left elbow	Diagnosis	ICD-10-CM
S50.372A	Other superficial bite of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.372D	Other superficial bite of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.372S	Other superficial bite of left elbow, sequela	Diagnosis	ICD-10-CM
S50.379	Other superficial bite of unspecified elbow	Diagnosis	ICD-10-CM
S50.379A	Other superficial bite of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.379D	Other superficial bite of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.379S	Other superficial bite of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.8	Other superficial injuries of forearm	Diagnosis	ICD-10-CM
S50.81	Abrasion of forearm	Diagnosis	ICD-10-CM
S50.811	Abrasion of right forearm	Diagnosis	ICD-10-CM
S50.811A	Abrasion of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.811D	Abrasion of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.811S	Abrasion of right forearm, sequela	Diagnosis	ICD-10-CM
S50.812	Abrasion of left forearm	Diagnosis	ICD-10-CM
S50.812A	Abrasion of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.812D	Abrasion of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.812S	Abrasion of left forearm, sequela	Diagnosis	ICD-10-CM
S50.819	Abrasion of unspecified forearm	Diagnosis	ICD-10-CM
S50.819A	Abrasion of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.819D	Abrasion of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.819S	Abrasion of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.82	Blister (nonthermal) of forearm	Diagnosis	ICD-10-CM
S50.821	Blister (nonthermal) of right forearm	Diagnosis	ICD-10-CM
S50.821A	Blister (nonthermal) of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.821D	Blister (nonthermal) of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.821S	Blister (nonthermal) of right forearm, sequela	Diagnosis	ICD-10-CM
S50.822	Blister (nonthermal) of left forearm	Diagnosis	ICD-10-CM
S50.822A	Blister (nonthermal) of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.822D	Blister (nonthermal) of left forearm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S50.822S	Blister (nonthermal) of left forearm, sequela	Diagnosis	ICD-10-CM
S50.829	Blister (nonthermal) of unspecified forearm	Diagnosis	ICD-10-CM
S50.829A	Blister (nonthermal) of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.829D	Blister (nonthermal) of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.829S	Blister (nonthermal) of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.84	External constriction of forearm	Diagnosis	ICD-10-CM
S50.841	External constriction of right forearm	Diagnosis	ICD-10-CM
S50.841A	External constriction of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.841D	External constriction of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.841S	External constriction of right forearm, sequela	Diagnosis	ICD-10-CM
S50.842	External constriction of left forearm	Diagnosis	ICD-10-CM
S50.842A	External constriction of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.842D	External constriction of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.842S	External constriction of left forearm, sequela	Diagnosis	ICD-10-CM
S50.849	External constriction of unspecified forearm	Diagnosis	ICD-10-CM
S50.849A	External constriction of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.849D	External constriction of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.849S	External constriction of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.85	Superficial foreign body of forearm	Diagnosis	ICD-10-CM
S50.851	Superficial foreign body of right forearm	Diagnosis	ICD-10-CM
S50.851A	Superficial foreign body of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.851D	Superficial foreign body of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.851S	Superficial foreign body of right forearm, sequela	Diagnosis	ICD-10-CM
S50.852	Superficial foreign body of left forearm	Diagnosis	ICD-10-CM
S50.852A	Superficial foreign body of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.852D	Superficial foreign body of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.852S	Superficial foreign body of left forearm, sequela	Diagnosis	ICD-10-CM
S50.859	Superficial foreign body of unspecified forearm	Diagnosis	ICD-10-CM
S50.859A	Superficial foreign body of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.859D	Superficial foreign body of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.859S	Superficial foreign body of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.86	Insect bite (nonvenomous) of forearm	Diagnosis	ICD-10-CM
S50.861	Insect bite (nonvenomous) of right forearm	Diagnosis	ICD-10-CM
S50.861A	Insect bite (nonvenomous) of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.861D	Insect bite (nonvenomous) of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.861S	Insect bite (nonvenomous) of right forearm, sequela	Diagnosis	ICD-10-CM
S50.862	Insect bite (nonvenomous) of left forearm	Diagnosis	ICD-10-CM
S50.862A	Insect bite (nonvenomous) of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.862D	Insect bite (nonvenomous) of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.862S	Insect bite (nonvenomous) of left forearm, sequela	Diagnosis	ICD-10-CM
S50.869	Insect bite (nonvenomous) of unspecified forearm	Diagnosis	ICD-10-CM
S50.869A	Insect bite (nonvenomous) of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.869D	Insect bite (nonvenomous) of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.869S	Insect bite (nonvenomous) of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.87	Other superficial bite of forearm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S50.871	Other superficial bite of right forearm	Diagnosis	ICD-10-CM
S50.871A	Other superficial bite of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.871D	Other superficial bite of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.871S	Other superficial bite of right forearm, sequela	Diagnosis	ICD-10-CM
S50.872	Other superficial bite of left forearm	Diagnosis	ICD-10-CM
S50.872A	Other superficial bite of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.872D	Other superficial bite of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.872S	Other superficial bite of left forearm, sequela	Diagnosis	ICD-10-CM
S50.879	Other superficial bite of unspecified forearm	Diagnosis	ICD-10-CM
S50.879A	Other superficial bite of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.879D	Other superficial bite of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.879S	Other superficial bite of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S50.9	Unspecified superficial injury of elbow and forearm	Diagnosis	ICD-10-CM
S50.90	Unspecified superficial injury of elbow	Diagnosis	ICD-10-CM
S50.901	Unspecified superficial injury of right elbow	Diagnosis	ICD-10-CM
S50.901A	Unspecified superficial injury of right elbow, initial encounter	Diagnosis	ICD-10-CM
S50.901D	Unspecified superficial injury of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.901S	Unspecified superficial injury of right elbow, sequela	Diagnosis	ICD-10-CM
S50.902	Unspecified superficial injury of left elbow	Diagnosis	ICD-10-CM
S50.902A	Unspecified superficial injury of left elbow, initial encounter	Diagnosis	ICD-10-CM
S50.902D	Unspecified superficial injury of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.902S	Unspecified superficial injury of left elbow, sequela	Diagnosis	ICD-10-CM
S50.909	Unspecified superficial injury of unspecified elbow	Diagnosis	ICD-10-CM
S50.909A	Unspecified superficial injury of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S50.909D	Unspecified superficial injury of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S50.909S	Unspecified superficial injury of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S50.91	Unspecified superficial injury of forearm	Diagnosis	ICD-10-CM
S50.911	Unspecified superficial injury of right forearm	Diagnosis	ICD-10-CM
S50.911A	Unspecified superficial injury of right forearm, initial encounter	Diagnosis	ICD-10-CM
S50.911D	Unspecified superficial injury of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.911S	Unspecified superficial injury of right forearm, sequela	Diagnosis	ICD-10-CM
S50.912	Unspecified superficial injury of left forearm	Diagnosis	ICD-10-CM
S50.912A	Unspecified superficial injury of left forearm, initial encounter	Diagnosis	ICD-10-CM
S50.912D	Unspecified superficial injury of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.912S	Unspecified superficial injury of left forearm, sequela	Diagnosis	ICD-10-CM
S50.919	Unspecified superficial injury of unspecified forearm	Diagnosis	ICD-10-CM
S50.919A	Unspecified superficial injury of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S50.919D	Unspecified superficial injury of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S50.919S	Unspecified superficial injury of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S51	Open wound of elbow and forearm	Diagnosis	ICD-10-CM
S51.0	Open wound of elbow	Diagnosis	ICD-10-CM
S51.00	Unspecified open wound of elbow	Diagnosis	ICD-10-CM
S51.001	Unspecified open wound of right elbow	Diagnosis	ICD-10-CM
S51.001A	Unspecified open wound of right elbow, initial encounter	Diagnosis	ICD-10-CM
S51.001D	Unspecified open wound of right elbow, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S51.001S	Unspecified open wound of right elbow, sequela	Diagnosis	ICD-10-CM
S51.002	Unspecified open wound of left elbow	Diagnosis	ICD-10-CM
S51.002A	Unspecified open wound of left elbow, initial encounter	Diagnosis	ICD-10-CM
S51.002D	Unspecified open wound of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.002S	Unspecified open wound of left elbow, sequela	Diagnosis	ICD-10-CM
S51.009	Unspecified open wound of unspecified elbow	Diagnosis	ICD-10-CM
S51.009A	Unspecified open wound of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S51.009D	Unspecified open wound of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.009S	Unspecified open wound of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S51.01	Laceration without foreign body of elbow	Diagnosis	ICD-10-CM
S51.011	Laceration without foreign body of right elbow	Diagnosis	ICD-10-CM
S51.011A	Laceration without foreign body of right elbow, initial encounter	Diagnosis	ICD-10-CM
S51.011D	Laceration without foreign body of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.011S	Laceration without foreign body of right elbow, sequela	Diagnosis	ICD-10-CM
S51.012	Laceration without foreign body of left elbow	Diagnosis	ICD-10-CM
S51.012A	Laceration without foreign body of left elbow, initial encounter	Diagnosis	ICD-10-CM
S51.012D	Laceration without foreign body of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.012S	Laceration without foreign body of left elbow, sequela	Diagnosis	ICD-10-CM
S51.019	Laceration without foreign body of unspecified elbow	Diagnosis	ICD-10-CM
S51.019A	Laceration without foreign body of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S51.019D	Laceration without foreign body of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.019S	Laceration without foreign body of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S51.02	Laceration with foreign body of elbow	Diagnosis	ICD-10-CM
S51.021	Laceration with foreign body of right elbow	Diagnosis	ICD-10-CM
S51.021A	Laceration with foreign body of right elbow, initial encounter	Diagnosis	ICD-10-CM
S51.021D	Laceration with foreign body of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.021S	Laceration with foreign body of right elbow, sequela	Diagnosis	ICD-10-CM
S51.022	Laceration with foreign body of left elbow	Diagnosis	ICD-10-CM
S51.022A	Laceration with foreign body of left elbow, initial encounter	Diagnosis	ICD-10-CM
S51.022D	Laceration with foreign body of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.022S	Laceration with foreign body of left elbow, sequela	Diagnosis	ICD-10-CM
S51.029	Laceration with foreign body of unspecified elbow	Diagnosis	ICD-10-CM
S51.029A	Laceration with foreign body of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S51.029D	Laceration with foreign body of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.029S	Laceration with foreign body of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S51.03	Puncture wound without foreign body of elbow	Diagnosis	ICD-10-CM
S51.031	Puncture wound without foreign body of right elbow	Diagnosis	ICD-10-CM
S51.031A	Puncture wound without foreign body of right elbow, initial encounter	Diagnosis	ICD-10-CM
S51.031D	Puncture wound without foreign body of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.031S	Puncture wound without foreign body of right elbow, sequela	Diagnosis	ICD-10-CM
S51.032	Puncture wound without foreign body of left elbow	Diagnosis	ICD-10-CM
S51.032A	Puncture wound without foreign body of left elbow, initial encounter	Diagnosis	ICD-10-CM
S51.032D	Puncture wound without foreign body of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.032S	Puncture wound without foreign body of left elbow, sequela	Diagnosis	ICD-10-CM
S51.039	Puncture wound without foreign body of unspecified elbow	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S51.039A	Puncture wound without foreign body of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S51.039D	Puncture wound without foreign body of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.039S	Puncture wound without foreign body of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S51.04	Puncture wound with foreign body of elbow	Diagnosis	ICD-10-CM
S51.041	Puncture wound with foreign body of right elbow	Diagnosis	ICD-10-CM
S51.041A	Puncture wound with foreign body of right elbow, initial encounter	Diagnosis	ICD-10-CM
S51.041D	Puncture wound with foreign body of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.041S	Puncture wound with foreign body of right elbow, sequela	Diagnosis	ICD-10-CM
S51.042	Puncture wound with foreign body of left elbow	Diagnosis	ICD-10-CM
S51.042A	Puncture wound with foreign body of left elbow, initial encounter	Diagnosis	ICD-10-CM
S51.042D	Puncture wound with foreign body of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.042S	Puncture wound with foreign body of left elbow, sequela	Diagnosis	ICD-10-CM
S51.049	Puncture wound with foreign body of unspecified elbow	Diagnosis	ICD-10-CM
S51.049A	Puncture wound with foreign body of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S51.049D	Puncture wound with foreign body of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.049S	Puncture wound with foreign body of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S51.05	Open bite of elbow	Diagnosis	ICD-10-CM
S51.051	Open bite, right elbow	Diagnosis	ICD-10-CM
S51.051A	Open bite, right elbow, initial encounter	Diagnosis	ICD-10-CM
S51.051D	Open bite, right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.051S	Open bite, right elbow, sequela	Diagnosis	ICD-10-CM
S51.052	Open bite, left elbow	Diagnosis	ICD-10-CM
S51.052A	Open bite, left elbow, initial encounter	Diagnosis	ICD-10-CM
S51.052D	Open bite, left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.052S	Open bite, left elbow, sequela	Diagnosis	ICD-10-CM
S51.059	Open bite, unspecified elbow	Diagnosis	ICD-10-CM
S51.059A	Open bite, unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S51.059D	Open bite, unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S51.059S	Open bite, unspecified elbow, sequela	Diagnosis	ICD-10-CM
S51.8	Open wound of forearm	Diagnosis	ICD-10-CM
S51.80	Unspecified open wound of forearm	Diagnosis	ICD-10-CM
S51.801	Unspecified open wound of right forearm	Diagnosis	ICD-10-CM
S51.801A	Unspecified open wound of right forearm, initial encounter	Diagnosis	ICD-10-CM
S51.801D	Unspecified open wound of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.801S	Unspecified open wound of right forearm, sequela	Diagnosis	ICD-10-CM
S51.802	Unspecified open wound of left forearm	Diagnosis	ICD-10-CM
S51.802A	Unspecified open wound of left forearm, initial encounter	Diagnosis	ICD-10-CM
S51.802D	Unspecified open wound of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.802S	Unspecified open wound of left forearm, sequela	Diagnosis	ICD-10-CM
S51.809	Unspecified open wound of unspecified forearm	Diagnosis	ICD-10-CM
S51.809A	Unspecified open wound of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S51.809D	Unspecified open wound of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.809S	Unspecified open wound of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S51.81	Laceration without foreign body of forearm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S51.811	Laceration without foreign body of right forearm	Diagnosis	ICD-10-CM
S51.811A	Laceration without foreign body of right forearm, initial encounter	Diagnosis	ICD-10-CM
S51.811D	Laceration without foreign body of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.811S	Laceration without foreign body of right forearm, sequela	Diagnosis	ICD-10-CM
S51.812	Laceration without foreign body of left forearm	Diagnosis	ICD-10-CM
S51.812A	Laceration without foreign body of left forearm, initial encounter	Diagnosis	ICD-10-CM
S51.812D	Laceration without foreign body of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.812S	Laceration without foreign body of left forearm, sequela	Diagnosis	ICD-10-CM
S51.819	Laceration without foreign body of unspecified forearm	Diagnosis	ICD-10-CM
S51.819A	Laceration without foreign body of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S51.819D	Laceration without foreign body of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.819S	Laceration without foreign body of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S51.82	Laceration with foreign body of forearm	Diagnosis	ICD-10-CM
S51.821	Laceration with foreign body of right forearm	Diagnosis	ICD-10-CM
S51.821A	Laceration with foreign body of right forearm, initial encounter	Diagnosis	ICD-10-CM
S51.821D	Laceration with foreign body of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.821S	Laceration with foreign body of right forearm, sequela	Diagnosis	ICD-10-CM
S51.822	Laceration with foreign body of left forearm	Diagnosis	ICD-10-CM
S51.822A	Laceration with foreign body of left forearm, initial encounter	Diagnosis	ICD-10-CM
S51.822D	Laceration with foreign body of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.822S	Laceration with foreign body of left forearm, sequela	Diagnosis	ICD-10-CM
S51.829	Laceration with foreign body of unspecified forearm	Diagnosis	ICD-10-CM
S51.829A	Laceration with foreign body of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S51.829D	Laceration with foreign body of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.829S	Laceration with foreign body of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S51.83	Puncture wound without foreign body of forearm	Diagnosis	ICD-10-CM
S51.831	Puncture wound without foreign body of right forearm	Diagnosis	ICD-10-CM
S51.831A	Puncture wound without foreign body of right forearm, initial encounter	Diagnosis	ICD-10-CM
S51.831D	Puncture wound without foreign body of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.831S	Puncture wound without foreign body of right forearm, sequela	Diagnosis	ICD-10-CM
S51.832	Puncture wound without foreign body of left forearm	Diagnosis	ICD-10-CM
S51.832A	Puncture wound without foreign body of left forearm, initial encounter	Diagnosis	ICD-10-CM
S51.832D	Puncture wound without foreign body of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.832S	Puncture wound without foreign body of left forearm, sequela	Diagnosis	ICD-10-CM
S51.839	Puncture wound without foreign body of unspecified forearm	Diagnosis	ICD-10-CM
S51.839A	Puncture wound without foreign body of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S51.839D	Puncture wound without foreign body of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.839S	Puncture wound without foreign body of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S51.84	Puncture wound with foreign body of forearm	Diagnosis	ICD-10-CM
S51.841	Puncture wound with foreign body of right forearm	Diagnosis	ICD-10-CM
S51.841A	Puncture wound with foreign body of right forearm, initial encounter	Diagnosis	ICD-10-CM
S51.841D	Puncture wound with foreign body of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.841S	Puncture wound with foreign body of right forearm, sequela	Diagnosis	ICD-10-CM
S51.842	Puncture wound with foreign body of left forearm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S51.842A	Puncture wound with foreign body of left forearm, initial encounter	Diagnosis	ICD-10-CM
S51.842D	Puncture wound with foreign body of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.842S	Puncture wound with foreign body of left forearm, sequela	Diagnosis	ICD-10-CM
S51.849	Puncture wound with foreign body of unspecified forearm	Diagnosis	ICD-10-CM
S51.849A	Puncture wound with foreign body of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S51.849D	Puncture wound with foreign body of unspecified forearm, subsequent	Diagnosis	ICD-10-CM
S51.849S	Puncture wound with foreign body of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S51.85	Open bite of forearm	Diagnosis	ICD-10-CM
S51.851	Open bite of right forearm	Diagnosis	ICD-10-CM
S51.851A	Open bite of right forearm, initial encounter	Diagnosis	ICD-10-CM
S51.851D	Open bite of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.851S	Open bite of right forearm, sequela	Diagnosis	ICD-10-CM
S51.852	Open bite of left forearm	Diagnosis	ICD-10-CM
S51.852A	Open bite of left forearm, initial encounter	Diagnosis	ICD-10-CM
S51.852D	Open bite of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.852S	Open bite of left forearm, sequela	Diagnosis	ICD-10-CM
S51.859	Open bite of unspecified forearm	Diagnosis	ICD-10-CM
S51.859A	Open bite of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S51.859D	Open bite of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S51.859S	Open bite of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S52	Fracture of forearm	Diagnosis	ICD-10-CM
S52.0	Fracture of upper end of ulna	Diagnosis	ICD-10-CM
S52.00	Unspecified fracture of upper end of ulna	Diagnosis	ICD-10-CM
S52.001	Unspecified fracture of upper end of right ulna	Diagnosis	ICD-10-CM
S52.001A	Unspecified fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.001B	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.001C	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.001D	Unspecified fracture of upper end of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.001E	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.001F	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.001G	Unspecified fracture of upper end of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.001H	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.001J	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.001K	Unspecified fracture of upper end of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.001M	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.001N	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.001P	Unspecified fracture of upper end of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.001Q	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.001R	Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.001S	Unspecified fracture of upper end of right ulna, sequela	Diagnosis	ICD-10-CM
S52.002	Unspecified fracture of upper end of left ulna	Diagnosis	ICD-10-CM
S52.002A	Unspecified fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.002B	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.002C	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.002D	Unspecified fracture of upper end of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.002E	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.002F	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.002G	Unspecified fracture of upper end of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.002H	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.002J	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.002K	Unspecified fracture of upper end of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.002M	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.002N	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.002P	Unspecified fracture of upper end of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.002Q	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.002R	Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.002S	Unspecified fracture of upper end of left ulna, sequela	Diagnosis	ICD-10-CM
S52.009	Unspecified fracture of upper end of unspecified ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.009A	Unspecified fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.009B	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.009C	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.009D	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.009E	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.009F	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.009G	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.009H	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.009J	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.009K	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.009M	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.009N	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.009P	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.009Q	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.009R	Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.009S	Unspecified fracture of upper end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.01	Torus fracture of upper end of ulna	Diagnosis	ICD-10-CM
S52.011	Torus fracture of upper end of right ulna	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.011D	Torus fracture of upper end of right ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.011G	Torus fracture of upper end of right ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.011K	Torus fracture of upper end of right ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.011P	Torus fracture of upper end of right ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.011S	Torus fracture of upper end of right ulna, sequela	Diagnosis	ICD-10-CM
S52.012	Torus fracture of upper end of left ulna	Diagnosis	ICD-10-CM
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.012D	Torus fracture of upper end of left ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.012G	Torus fracture of upper end of left ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.012K	Torus fracture of upper end of left ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.012P	Torus fracture of upper end of left ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.012S	Torus fracture of upper end of left ulna, sequela	Diagnosis	ICD-10-CM
S52.019	Torus fracture of upper end of unspecified ulna	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019D	Torus fracture of upper end of unspecified ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.019G	Torus fracture of upper end of unspecified ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.019K	Torus fracture of upper end of unspecified ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.019P	Torus fracture of upper end of unspecified ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.019S	Torus fracture of upper end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.02	Fracture of olecranon process without intraarticular extension of ulna	Diagnosis	ICD-10-CM
S52.021	Displaced fracture of olecranon process without intraarticular extension of right ulna	Diagnosis	ICD-10-CM
S52.021A	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021B	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.021C	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.021D	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.021E	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.021F	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.021G	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.021H	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.021J	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.021K	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.021M	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.021N	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.021P	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.021Q	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.021R	Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.021S	Displaced fracture of olecranon process without intraarticular extension of right ulna, sequela	Diagnosis	ICD-10-CM
S52.022	Displaced fracture of olecranon process without intraarticular extension of left ulna	Diagnosis	ICD-10-CM
S52.022A	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.022B	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.022C	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.022D	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.022E	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.022F	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.022G	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.022H	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.022J	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.022K	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.022M	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.022N	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.022P	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.022Q	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.022R	Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.022S	Displaced fracture of olecranon process without intraarticular extension of left ulna, sequela	Diagnosis	ICD-10-CM
S52.023	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna	Diagnosis	ICD-10-CM
S52.023A	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.023B	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.023C	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.023D	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.023E	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.023F	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.023G	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.023H	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.023J	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.023K	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.023M	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.023N	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.023P	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.023Q	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S52.023R	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.023S	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.024	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna	Diagnosis	ICD-10-CM
S52.024A	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.024B	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.024C	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.024D	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.024E	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.024F	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.024G	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.024H	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.024J	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.024K	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.024M	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.024N	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.024P	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.024Q	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.024R	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.024S	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.025	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna	Diagnosis	ICD-10-CM
S52.025A	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.025B	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.025C	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.025D	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.025E	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.025F	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.025G	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.025H	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.025J	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.025K	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.025M	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.025N	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.025P	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.025Q	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.025R	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.025S	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, sequela	Diagnosis	ICD-10-CM
S52.026	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna	Diagnosis	ICD-10-CM
S52.026A	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.026B	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.026C	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.026D	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.026E	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.026F	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.026G	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.026H	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.026J	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.026K	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.026M	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.026N	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.026P	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.026Q	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.026R	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.026S	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.03	Fracture of olecranon process with intraarticular extension of ulna	Diagnosis	ICD-10-CM
S52.031	Displaced fracture of olecranon process with intraarticular extension of right ulna	Diagnosis	ICD-10-CM
S52.031A	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.031B	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.031C	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.031D	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.031E	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.031F	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.031G	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.031H	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.031J	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.031K	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.031M	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.031N	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.031P	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.031Q	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.031R	Displaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.031S	Displaced fracture of olecranon process with intraarticular extension of right ulna, sequela	Diagnosis	ICD-10-CM
S52.032	Displaced fracture of olecranon process with intraarticular extension of left ulna	Diagnosis	ICD-10-CM
S52.032A	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.032B	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.032C	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.032D	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.032E	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.032F	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.032G	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.032H	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.032J	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.032K	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.032M	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.032N	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.032P	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.032Q	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.032R	Displaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.032S	Displaced fracture of olecranon process with intraarticular extension of left ulna, sequela	Diagnosis	ICD-10-CM
S52.033	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna	Diagnosis	ICD-10-CM
S52.033A	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.033B	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.033C	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.033D	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.033E	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.033F	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.033G	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.033H	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.033J	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.033K	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.033M	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.033N	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.033P	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.033Q	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.033R	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.033S	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.034	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna	Diagnosis	ICD-10-CM
S52.034A	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.034B	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.034C	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.034D	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.034E	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.034F	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.034G	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.034H	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.034J	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.034K	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.034M	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.034N	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.034P	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.034Q	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.034R	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.034S	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, sequela	Diagnosis	ICD-10-CM
S52.035	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna	Diagnosis	ICD-10-CM
S52.035A	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.035B	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.035C	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.035D	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.035E	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.035F	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.035G	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.035H	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.035J	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.035K	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.035M	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.035N	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.035P	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.035Q	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.035R	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.035S	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, sequela	Diagnosis	ICD-10-CM
S52.036	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna	Diagnosis	ICD-10-CM
S52.036A	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.036B	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.036C	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.036D	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.036E	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.036F	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.036G	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.036H	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.036J	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.036K	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.036M	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.036N	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.036P	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.036Q	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.036R	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.036S	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.04	Fracture of coronoid process of ulna	Diagnosis	ICD-10-CM
S52.041	Displaced fracture of coronoid process of right ulna	Diagnosis	ICD-10-CM
S52.041A	Displaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.041B	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.041C	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.041D	Displaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.041E	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.041F	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.041G	Displaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.041H	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.041J	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.041K	Displaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.041M	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.041N	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.041P	Displaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.041Q	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.041R	Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.041S	Displaced fracture of coronoid process of right ulna, sequela	Diagnosis	ICD-10-CM
S52.042	Displaced fracture of coronoid process of left ulna	Diagnosis	ICD-10-CM
S52.042A	Displaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.042B	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.042C	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.042D	Displaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.042E	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.042F	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.042G	Displaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.042H	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.042J	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.042K	Displaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.042M	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.042N	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.042P	Displaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.042Q	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.042R	Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.042S	Displaced fracture of coronoid process of left ulna, sequela	Diagnosis	ICD-10-CM
S52.043	Displaced fracture of coronoid process of unspecified ulna	Diagnosis	ICD-10-CM
S52.043A	Displaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.043B	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.043C	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.043D	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.043E	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.043F	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.043G	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.043H	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.043J	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.043K	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.043M	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.043N	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.043P	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.043Q	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.043R	Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.043S	Displaced fracture of coronoid process of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.044	Nondisplaced fracture of coronoid process of right ulna	Diagnosis	ICD-10-CM
S52.044A	Nondisplaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.044B	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.044C	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.044D	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.044E	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.044F	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.044G	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.044H	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.044J	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.044K	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.044M	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.044N	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.044P	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.044Q	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.044R	Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.044S	Nondisplaced fracture of coronoid process of right ulna, sequela	Diagnosis	ICD-10-CM
S52.045	Nondisplaced fracture of coronoid process of left ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.045A	Nondisplaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.045B	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.045C	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.045D	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.045E	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.045F	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.045G	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.045H	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.045J	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.045K	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.045M	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.045N	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.045P	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.045Q	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.045R	Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.045S	Nondisplaced fracture of coronoid process of left ulna, sequela	Diagnosis	ICD-10-CM
S52.046	Nondisplaced fracture of coronoid process of unspecified ulna	Diagnosis	ICD-10-CM
S52.046A	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.046B	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.046C	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.046D	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.046E	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.046F	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.046G	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.046H	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.046J	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.046K	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.046M	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.046N	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.046P	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.046Q	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.046R	Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.046S	Nondisplaced fracture of coronoid process of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.09	Other fracture of upper end of ulna	Diagnosis	ICD-10-CM
S52.091	Other fracture of upper end of right ulna	Diagnosis	ICD-10-CM
S52.091A	Other fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.091B	Other fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.091C	Other fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.091D	Other fracture of upper end of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.091E	Other fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.091F	Other fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.091G	Other fracture of upper end of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.091H	Other fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.091J	Other fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.091K	Other fracture of upper end of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.091M	Other fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.091N	Other fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.091P	Other fracture of upper end of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.091Q	Other fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.091R	Other fracture of upper end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.091S	Other fracture of upper end of right ulna, sequela	Diagnosis	ICD-10-CM
S52.092	Other fracture of upper end of left ulna	Diagnosis	ICD-10-CM
S52.092A	Other fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.092B	Other fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.092C	Other fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.092D	Other fracture of upper end of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.092E	Other fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.092F	Other fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.092G	Other fracture of upper end of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.092H	Other fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.092J	Other fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.092K	Other fracture of upper end of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.092M	Other fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.092N	Other fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.092P	Other fracture of upper end of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.092Q	Other fracture of upper end of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.092R	Other fracture of upper end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.092S	Other fracture of upper end of left ulna, sequela	Diagnosis	ICD-10-CM
S52.099	Other fracture of upper end of unspecified ulna	Diagnosis	ICD-10-CM
S52.099A	Other fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.099B	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.099C	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.099D	Other fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.099E	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.099F	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.099G	Other fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.099H	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.099J	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.099K	Other fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.099M	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.099N	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.099P	Other fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.099Q	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.099R	Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.099S	Other fracture of upper end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.1	Fracture of upper end of radius	Diagnosis	ICD-10-CM
S52.10	Unspecified fracture of upper end of radius	Diagnosis	ICD-10-CM
S52.101	Unspecified fracture of upper end of right radius	Diagnosis	ICD-10-CM
S52.101A	Unspecified fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.101B	Unspecified fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.101C	Unspecified fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.101D	Unspecified fracture of upper end of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.101E	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.101F	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.101G	Unspecified fracture of upper end of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.101H	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.101J	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.101K	Unspecified fracture of upper end of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.101M	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.101N	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.101P	Unspecified fracture of upper end of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.101Q	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.101R	Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.101S	Unspecified fracture of upper end of right radius, sequela	Diagnosis	ICD-10-CM
S52.102	Unspecified fracture of upper end of left radius	Diagnosis	ICD-10-CM
S52.102A	Unspecified fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.102B	Unspecified fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.102C	Unspecified fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.102D	Unspecified fracture of upper end of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.102E	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.102F	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.102G	Unspecified fracture of upper end of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.102H	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.102J	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.102K	Unspecified fracture of upper end of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.102M	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.102N	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.102P	Unspecified fracture of upper end of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.102Q	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.102R	Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.102S	Unspecified fracture of upper end of left radius, sequela	Diagnosis	ICD-10-CM
S52.109	Unspecified fracture of upper end of unspecified radius	Diagnosis	ICD-10-CM
S52.109A	Unspecified fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.109B	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.109C	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.109D	Unspecified fracture of upper end of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.109E	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.109F	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.109G	Unspecified fracture of upper end of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.109H	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.109J	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.109K	Unspecified fracture of upper end of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.109M	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.109N	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.109P	Unspecified fracture of upper end of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.109Q	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.109R	Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.109S	Unspecified fracture of upper end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.11	Torus fracture of upper end of radius	Diagnosis	ICD-10-CM
S52.111	Torus fracture of upper end of right radius	Diagnosis	ICD-10-CM
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.111D	Torus fracture of upper end of right radius, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.111G	Torus fracture of upper end of right radius, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.111K	Torus fracture of upper end of right radius, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.111P	Torus fracture of upper end of right radius, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.111S	Torus fracture of upper end of right radius, sequela	Diagnosis	ICD-10-CM
S52.112	Torus fracture of upper end of left radius	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112D	Torus fracture of upper end of left radius, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.112G	Torus fracture of upper end of left radius, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.112K	Torus fracture of upper end of left radius, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.112P	Torus fracture of upper end of left radius, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.112S	Torus fracture of upper end of left radius, sequela	Diagnosis	ICD-10-CM
S52.119	Torus fracture of upper end of unspecified radius	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119D	Torus fracture of upper end of unspecified radius, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.119G	Torus fracture of upper end of unspecified radius, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.119K	Torus fracture of upper end of unspecified radius, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.119P	Torus fracture of upper end of unspecified radius, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.119S	Torus fracture of upper end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.12	Fracture of head of radius	Diagnosis	ICD-10-CM
S52.121	Displaced fracture of head of right radius	Diagnosis	ICD-10-CM
S52.121A	Displaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121B	Displaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.121C	Displaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.121D	Displaced fracture of head of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.121E	Displaced fracture of head of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.121F	Displaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.121G	Displaced fracture of head of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.121H	Displaced fracture of head of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.121J	Displaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.121K	Displaced fracture of head of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.121M	Displaced fracture of head of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.121N	Displaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.121P	Displaced fracture of head of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.121Q	Displaced fracture of head of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.121R	Displaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.121S	Displaced fracture of head of right radius, sequela	Diagnosis	ICD-10-CM
S52.122	Displaced fracture of head of left radius	Diagnosis	ICD-10-CM
S52.122A	Displaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.122B	Displaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.122C	Displaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.122D	Displaced fracture of head of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.122E	Displaced fracture of head of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.122F	Displaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.122G	Displaced fracture of head of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.122H	Displaced fracture of head of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.122J	Displaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.122K	Displaced fracture of head of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.122M	Displaced fracture of head of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.122N	Displaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.122P	Displaced fracture of head of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.122Q	Displaced fracture of head of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.122R	Displaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.122S	Displaced fracture of head of left radius, sequela	Diagnosis	ICD-10-CM
S52.123	Displaced fracture of head of unspecified radius	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.123A	Displaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.123B	Displaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.123C	Displaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.123D	Displaced fracture of head of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.123E	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.123F	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.123G	Displaced fracture of head of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.123H	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.123J	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.123K	Displaced fracture of head of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.123M	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.123N	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.123P	Displaced fracture of head of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.123Q	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.123R	Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.123S	Displaced fracture of head of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.124	Nondisplaced fracture of head of right radius	Diagnosis	ICD-10-CM
S52.124A	Nondisplaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.124B	Nondisplaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.124C	Nondisplaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.124D	Nondisplaced fracture of head of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.124E	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.124F	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.124G	Nondisplaced fracture of head of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.124H	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.124J	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.124K	Nondisplaced fracture of head of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.124M	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.124N	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.124P	Nondisplaced fracture of head of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.124Q	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.124R	Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.124S	Nondisplaced fracture of head of right radius, sequela	Diagnosis	ICD-10-CM
S52.125	Nondisplaced fracture of head of left radius	Diagnosis	ICD-10-CM
S52.125A	Nondisplaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.125B	Nondisplaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.125C	Nondisplaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.125D	Nondisplaced fracture of head of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.125E	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.125F	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.125G	Nondisplaced fracture of head of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.125H	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.125J	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.125K	Nondisplaced fracture of head of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.125M	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.125N	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.125P	Nondisplaced fracture of head of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.125Q	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.125R	Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.125S	Nondisplaced fracture of head of left radius, sequela	Diagnosis	ICD-10-CM
S52.126	Nondisplaced fracture of head of unspecified radius	Diagnosis	ICD-10-CM
S52.126A	Nondisplaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.126B	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.126C	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.126D	Nondisplaced fracture of head of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.126E	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.126F	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.126G	Nondisplaced fracture of head of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.126H	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.126J	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.126K	Nondisplaced fracture of head of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.126M	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.126N	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.126P	Nondisplaced fracture of head of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.126Q	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.126R	Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.126S	Nondisplaced fracture of head of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.13	Fracture of neck of radius	Diagnosis	ICD-10-CM
S52.131	Displaced fracture of neck of right radius	Diagnosis	ICD-10-CM
S52.131A	Displaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.131B	Displaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.131C	Displaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.131D	Displaced fracture of neck of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.131E	Displaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.131F	Displaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.131G	Displaced fracture of neck of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.131H	Displaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.131J	Displaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.131K	Displaced fracture of neck of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.131M	Displaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.131N	Displaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.131P	Displaced fracture of neck of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.131Q	Displaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.131R	Displaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.131S	Displaced fracture of neck of right radius, sequela	Diagnosis	ICD-10-CM
S52.132	Displaced fracture of neck of left radius	Diagnosis	ICD-10-CM
S52.132A	Displaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.132B	Displaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.132C	Displaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.132D	Displaced fracture of neck of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.132E	Displaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.132F	Displaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.132G	Displaced fracture of neck of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.132H	Displaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.132J	Displaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.132K	Displaced fracture of neck of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.132M	Displaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.132N	Displaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.132P	Displaced fracture of neck of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.132Q	Displaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.132R	Displaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.132S	Displaced fracture of neck of left radius, sequela	Diagnosis	ICD-10-CM
S52.133	Displaced fracture of neck of unspecified radius	Diagnosis	ICD-10-CM
S52.133A	Displaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.133B	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.133C	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.133D	Displaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.133E	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.133F	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.133G	Displaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.133H	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.133J	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.133K	Displaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.133M	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.133N	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.133P	Displaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.133Q	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.133R	Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.133S	Displaced fracture of neck of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.134	Nondisplaced fracture of neck of right radius	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.134A	Nondisplaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.134B	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.134C	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.134D	Nondisplaced fracture of neck of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.134E	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.134F	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.134G	Nondisplaced fracture of neck of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.134H	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.134J	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.134K	Nondisplaced fracture of neck of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.134M	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.134N	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.134P	Nondisplaced fracture of neck of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.134Q	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.134R	Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.134S	Nondisplaced fracture of neck of right radius, sequela	Diagnosis	ICD-10-CM
S52.135	Nondisplaced fracture of neck of left radius	Diagnosis	ICD-10-CM
S52.135A	Nondisplaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.135B	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.135C	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.135D	Nondisplaced fracture of neck of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.135E	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.135F	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.135G	Nondisplaced fracture of neck of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.135H	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.135J	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.135K	Nondisplaced fracture of neck of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.135M	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.135N	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.135P	Nondisplaced fracture of neck of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.135Q	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.135R	Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.135S	Nondisplaced fracture of neck of left radius, sequela	Diagnosis	ICD-10-CM
S52.136	Nondisplaced fracture of neck of unspecified radius	Diagnosis	ICD-10-CM
S52.136A	Nondisplaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.136B	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.136C	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.136D	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.136E	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.136F	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.136G	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.136H	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.136J	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.136K	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.136M	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.136N	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.136P	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.136Q	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.136R	Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.136S	Nondisplaced fracture of neck of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.18	Other fracture of upper end of radius	Diagnosis	ICD-10-CM
S52.181	Other fracture of upper end of right radius	Diagnosis	ICD-10-CM
S52.181A	Other fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.181B	Other fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.181C	Other fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.181D	Other fracture of upper end of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.181E	Other fracture of upper end of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.181F	Other fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.181G	Other fracture of upper end of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.181H	Other fracture of upper end of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.181J	Other fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.181K	Other fracture of upper end of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.181M	Other fracture of upper end of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.181N	Other fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.181P	Other fracture of upper end of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.181Q	Other fracture of upper end of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.181R	Other fracture of upper end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.181S	Other fracture of upper end of right radius, sequela	Diagnosis	ICD-10-CM
S52.182	Other fracture of upper end of left radius	Diagnosis	ICD-10-CM
S52.182A	Other fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.182B	Other fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.182C	Other fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.182D	Other fracture of upper end of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.182E	Other fracture of upper end of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.182F	Other fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.182G	Other fracture of upper end of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.182H	Other fracture of upper end of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.182J	Other fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.182K	Other fracture of upper end of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.182M	Other fracture of upper end of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.182N	Other fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.182P	Other fracture of upper end of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.182Q	Other fracture of upper end of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.182R	Other fracture of upper end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.182S	Other fracture of upper end of left radius, sequela	Diagnosis	ICD-10-CM
S52.189	Other fracture of upper end of unspecified radius	Diagnosis	ICD-10-CM
S52.189A	Other fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.189B	Other fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.189C	Other fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.189D	Other fracture of upper end of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.189E	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.189F	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.189G	Other fracture of upper end of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.189H	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.189J	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.189K	Other fracture of upper end of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.189M	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.189N	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.189P	Other fracture of upper end of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.189Q	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.189R	Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.189S	Other fracture of upper end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.2	Fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.20	Unspecified fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.201	Unspecified fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.201A	Unspecified fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.201B	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.201C	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.201D	Unspecified fracture of shaft of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.201E	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.201F	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.201G	Unspecified fracture of shaft of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.201H	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.201J	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.201K	Unspecified fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.201M	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.201N	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.201P	Unspecified fracture of shaft of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.201Q	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.201R	Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.201S	Unspecified fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.202	Unspecified fracture of shaft of left ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.202A	Unspecified fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.202B	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.202C	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.202D	Unspecified fracture of shaft of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.202E	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.202F	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.202G	Unspecified fracture of shaft of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.202H	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.202J	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.202K	Unspecified fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.202M	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.202N	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.202P	Unspecified fracture of shaft of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.202Q	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.202R	Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.202S	Unspecified fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.209	Unspecified fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM
S52.209A	Unspecified fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.209B	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.209C	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.209D	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.209E	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.209F	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.209G	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.209H	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.209J	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.209K	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.209M	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.209N	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.209P	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.209Q	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.209R	Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.209S	Unspecified fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.21	Greenstick fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.211	Greenstick fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.211D	Greenstick fracture of shaft of right ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.211G	Greenstick fracture of shaft of right ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.211K	Greenstick fracture of shaft of right ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.211P	Greenstick fracture of shaft of right ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.211S	Greenstick fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.212	Greenstick fracture of shaft of left ulna	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212D	Greenstick fracture of shaft of left ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.212G	Greenstick fracture of shaft of left ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.212K	Greenstick fracture of shaft of left ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.212P	Greenstick fracture of shaft of left ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.212S	Greenstick fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.219	Greenstick fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219D	Greenstick fracture of shaft of unspecified ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.219G	Greenstick fracture of shaft of unspecified ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.219K	Greenstick fracture of shaft of unspecified ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.219P	Greenstick fracture of shaft of unspecified ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.219S	Greenstick fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.22	Transverse fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.221	Displaced transverse fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.221A	Displaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221B	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.221C	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.221D	Displaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.221E	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.221F	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.221G	Displaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.221H	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.221J	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.221K	Displaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.221M	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.221N	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.221P	Displaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.221Q	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.221R	Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.221S	Displaced transverse fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.222	Displaced transverse fracture of shaft of left ulna	Diagnosis	ICD-10-CM
S52.222A	Displaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.222B	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.222D	Displaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.222E	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.222F	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.222G	Displaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.222H	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.222J	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.222K	Displaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.222M	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.222N	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.222P	Displaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.222Q	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.222R	Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.222S	Displaced transverse fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.223	Displaced transverse fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM
S52.223A	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.223B	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.223C	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223D	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.223E	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.223F	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.223G	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.223H	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.223J	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.223K	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.223M	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.223N	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.223P	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.223Q	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.223R	Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.223S	Displaced transverse fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.224	Nondisplaced transverse fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.224A	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.224B	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.224C	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.224D	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.224E	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.224F	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.224G	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.224H	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.224J	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.224K	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.224M	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.224N	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.224P	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.224Q	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.224R	Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.224S	Nondisplaced transverse fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.225	Nondisplaced transverse fracture of shaft of left ulna	Diagnosis	ICD-10-CM
S52.225A	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.225B	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.225C	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.225D	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.225E	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.225F	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.225G	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.225H	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.225J	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.225K	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.225M	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.225N	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.225P	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.225Q	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.225R	Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.225S	Nondisplaced transverse fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.226	Nondisplaced transverse fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM
S52.226A	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.226B	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.226C	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.226D	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.226E	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.226F	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.226G	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.226H	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.226J	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.226K	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.226M	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.226N	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.226P	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.226Q	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.226R	Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.226S	Nondisplaced transverse fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.23	Oblique fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.231	Displaced oblique fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.231A	Displaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.231B	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.231C	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.231D	Displaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.231E	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.231F	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.231G	Displaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.231H	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.231J	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.231K	Displaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.231M	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.231N	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.231P	Displaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.231Q	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.231R	Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.231S	Displaced oblique fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.232	Displaced oblique fracture of shaft of left ulna	Diagnosis	ICD-10-CM
S52.232A	Displaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.232B	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.232C	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.232D	Displaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.232E	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.232F	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.232G	Displaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.232H	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.232J	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.232K	Displaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.232M	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.232N	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.232P	Displaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.232Q	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.232R	Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.232S	Displaced oblique fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.233	Displaced oblique fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.233A	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.233B	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.233C	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.233D	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.233E	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.233F	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.233G	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.233H	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.233J	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.233K	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.233M	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.233N	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.233P	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.233Q	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.233R	Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.233S	Displaced oblique fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.234	Nondisplaced oblique fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.234A	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.234B	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.234C	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.234D	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.234E	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.234F	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.234G	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.234H	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.234J	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.234K	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.234M	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.234N	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.234P	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.234Q	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.234R	Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.234S	Nondisplaced oblique fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.235	Nondisplaced oblique fracture of shaft of left ulna	Diagnosis	ICD-10-CM
S52.235A	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.235B	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.235C	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.235D	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.235E	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.235F	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.235G	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.235H	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.235J	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.235K	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.235M	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.235N	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.235P	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.235Q	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.235R	Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.235S	Nondisplaced oblique fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.236	Nondisplaced oblique fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM
S52.236A	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.236B	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.236C	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.236D	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.236E	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.236F	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.236G	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.236H	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.236J	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.236K	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.236M	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.236N	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.236P	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.236Q	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.236R	Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.236S	Nondisplaced oblique fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.24	Spiral fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.241	Displaced spiral fracture of shaft of ulna, right arm	Diagnosis	ICD-10-CM
S52.241A	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.241B	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.241C	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.241D	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.241E	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.241F	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.241G	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.241H	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.241J	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.241K	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.241M	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.241N	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.241P	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.241Q	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.241R	Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.241S	Displaced spiral fracture of shaft of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S52.242	Displaced spiral fracture of shaft of ulna, left arm	Diagnosis	ICD-10-CM
S52.242A	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.242B	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.242C	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.242D	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.242E	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.242F	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.242G	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.242H	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.242J	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.242K	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.242M	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.242N	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.242P	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.242Q	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.242R	Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.242S	Displaced spiral fracture of shaft of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S52.243	Displaced spiral fracture of shaft of ulna, unspecified arm	Diagnosis	ICD-10-CM
S52.243A	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.243B	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.243C	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.243D	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.243E	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.243F	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.243G	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.243H	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.243J	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.243K	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.243M	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.243N	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.243P	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.243Q	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.243R	Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.243S	Displaced spiral fracture of shaft of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.244	Nondisplaced spiral fracture of shaft of ulna, right arm	Diagnosis	ICD-10-CM
S52.244A	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.244B	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.244C	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.244D	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.244E	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.244F	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.244G	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.244H	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.244J	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.244K	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.244M	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.244N	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.244P	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.244Q	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.244R	Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.244S	Nondisplaced spiral fracture of shaft of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S52.245	Nondisplaced spiral fracture of shaft of ulna, left arm	Diagnosis	ICD-10-CM
S52.245A	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.245B	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.245C	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.245D	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.245E	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.245F	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.245G	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.245H	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.245J	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.245K	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.245M	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.245N	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.245P	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.245Q	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.245R	Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.245S	Nondisplaced spiral fracture of shaft of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S52.246	Nondisplaced spiral fracture of shaft of ulna, unspecified arm	Diagnosis	ICD-10-CM
S52.246A	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.246B	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.246C	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.246D	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.246E	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.246F	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.246G	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.246H	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.246J	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.246K	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.246M	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.246N	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.246P	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.246Q	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.246R	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.246S	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.25	Comminuted fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.251	Displaced comminuted fracture of shaft of ulna, right arm	Diagnosis	ICD-10-CM
S52.251A	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.251B	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.251C	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.251D	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.251E	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.251F	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.251G	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.251H	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.251J	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.251K	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.251M	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.251N	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.251P	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.251Q	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.251R	Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.251S	Displaced comminuted fracture of shaft of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S52.252	Displaced comminuted fracture of shaft of ulna, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.252A	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.252B	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.252C	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.252D	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.252E	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.252F	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.252G	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.252H	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.252J	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.252K	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.252M	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.252N	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.252P	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.252Q	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.252R	Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.252S	Displaced comminuted fracture of shaft of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S52.253	Displaced comminuted fracture of shaft of ulna, unspecified arm	Diagnosis	ICD-10-CM
S52.253A	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.253B	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.253C	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.253D	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.253E	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.253F	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.253G	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.253H	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.253J	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.253K	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.253M	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.253N	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.253P	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.253Q	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.253R	Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.253S	Displaced comminuted fracture of shaft of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.254	Nondisplaced comminuted fracture of shaft of ulna, right arm	Diagnosis	ICD-10-CM
S52.254A	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.254B	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.254C	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.254D	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.254E	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.254F	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.254G	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.254H	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.254J	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.254K	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.254M	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.254N	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.254P	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.254Q	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.254R	Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.254S	Nondisplaced comminuted fracture of shaft of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S52.255	Nondisplaced comminuted fracture of shaft of ulna, left arm	Diagnosis	ICD-10-CM
S52.255A	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.255B	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.255C	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.255D	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.255E	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.255F	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.255G	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.255H	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.255J	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.255K	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.255M	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.255N	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.255P	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.255Q	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.255R	Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.255S	Nondisplaced comminuted fracture of shaft of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S52.256	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm	Diagnosis	ICD-10-CM
S52.256A	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.256B	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.256C	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.256D	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.256E	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.256F	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.256G	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.256H	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.256J	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.256K	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.256M	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.256N	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.256P	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.256Q	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.256R	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.256S	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.26	Segmental fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.261	Displaced segmental fracture of shaft of ulna, right arm	Diagnosis	ICD-10-CM
S52.261A	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.261B	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.261C	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.261D	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.261E	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.261F	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.261G	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.261H	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.261J	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.261K	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.261M	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.261N	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.261P	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.261Q	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.261R	Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.261S	Displaced segmental fracture of shaft of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S52.262	Displaced segmental fracture of shaft of ulna, left arm	Diagnosis	ICD-10-CM
S52.262A	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.262B	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.262C	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.262D	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.262E	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.262F	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.262G	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.262H	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.262J	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.262K	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.262M	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.262N	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.262P	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.262Q	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.262R	Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.262S	Displaced segmental fracture of shaft of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S52.263	Displaced segmental fracture of shaft of ulna, unspecified arm	Diagnosis	ICD-10-CM
S52.263A	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.263B	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.263C	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.263D	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.263E	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.263F	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.263G	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.263H	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.263J	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.263K	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.263M	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.263N	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.263P	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.263Q	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.263R	Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.263S	Displaced segmental fracture of shaft of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.264	Nondisplaced segmental fracture of shaft of ulna, right arm	Diagnosis	ICD-10-CM
S52.264A	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.264B	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.264C	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.264D	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.264E	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.264F	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.264G	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.264H	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.264J	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.264K	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.264M	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.264N	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.264P	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.264Q	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.264R	Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.264S	Nondisplaced segmental fracture of shaft of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S52.265	Nondisplaced segmental fracture of shaft of ulna, left arm	Diagnosis	ICD-10-CM
S52.265A	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.265B	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.265C	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.265D	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.265E	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.265F	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.265G	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.265H	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.265J	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.265K	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.265M	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.265N	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.265P	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.265Q	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.265R	Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.265S	Nondisplaced segmental fracture of shaft of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S52.266	Nondisplaced segmental fracture of shaft of ulna, unspecified arm	Diagnosis	ICD-10-CM
S52.266A	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.266B	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.266C	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.266D	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.266E	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.266F	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.266G	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.266H	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.266J	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.266K	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.266M	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.266N	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.266P	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.266Q	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.266R	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.266S	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.27	Monteggia's fracture of ulna	Diagnosis	ICD-10-CM
S52.271	Monteggia's fracture of right ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.271A	Monteggia's fracture of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.271B	Monteggia's fracture of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.271C	Monteggia's fracture of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.271D	Monteggia's fracture of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.271E	Monteggia's fracture of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.271F	Monteggia's fracture of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.271G	Monteggia's fracture of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.271H	Monteggia's fracture of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.271J	Monteggia's fracture of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.271K	Monteggia's fracture of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.271M	Monteggia's fracture of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.271N	Monteggia's fracture of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.271P	Monteggia's fracture of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.271Q	Monteggia's fracture of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.271R	Monteggia's fracture of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.271S	Monteggia's fracture of right ulna, sequela	Diagnosis	ICD-10-CM
S52.272	Monteggia's fracture of left ulna	Diagnosis	ICD-10-CM
S52.272A	Monteggia's fracture of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.272B	Monteggia's fracture of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.272C	Monteggia's fracture of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.272D	Monteggia's fracture of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.272E	Monteggia's fracture of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.272F	Monteggia's fracture of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.272G	Monteggia's fracture of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.272H	Monteggia's fracture of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.272J	Monteggia's fracture of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.272K	Monteggia's fracture of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.272M	Monteggia's fracture of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.272N	Monteggia's fracture of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.272P	Monteggia's fracture of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.272Q	Monteggia's fracture of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.272R	Monteggia's fracture of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.272S	Monteggia's fracture of left ulna, sequela	Diagnosis	ICD-10-CM
S52.279	Monteggia's fracture of unspecified ulna	Diagnosis	ICD-10-CM
S52.279A	Monteggia's fracture of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.279B	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.279C	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.279D	Monteggia's fracture of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.279E	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.279F	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.279G	Monteggia's fracture of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.279H	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.279J	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.279K	Monteggia's fracture of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.279M	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.279N	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.279P	Monteggia's fracture of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.279Q	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.279R	Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.279S	Monteggia's fracture of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.28	Bent bone of ulna	Diagnosis	ICD-10-CM
S52.281	Bent bone of right ulna	Diagnosis	ICD-10-CM
S52.281A	Bent bone of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.281B	Bent bone of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.281C	Bent bone of right ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.281D	Bent bone of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.281E	Bent bone of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.281F	Bent bone of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.281G	Bent bone of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.281H	Bent bone of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.281J	Bent bone of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.281K	Bent bone of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.281M	Bent bone of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.281N	Bent bone of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.281P	Bent bone of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.281Q	Bent bone of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.281R	Bent bone of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.281S	Bent bone of right ulna, sequela	Diagnosis	ICD-10-CM
S52.282	Bent bone of left ulna	Diagnosis	ICD-10-CM
S52.282A	Bent bone of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.282B	Bent bone of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.282C	Bent bone of left ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.282D	Bent bone of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.282E	Bent bone of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.282F	Bent bone of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.282G	Bent bone of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.282H	Bent bone of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.282J	Bent bone of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.282K	Bent bone of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.282M	Bent bone of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.282N	Bent bone of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.282P	Bent bone of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.282Q	Bent bone of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.282R	Bent bone of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.282S	Bent bone of left ulna, sequela	Diagnosis	ICD-10-CM
S52.283	Bent bone of unspecified ulna	Diagnosis	ICD-10-CM
S52.283A	Bent bone of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.283B	Bent bone of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.283C	Bent bone of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.283D	Bent bone of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.283E	Bent bone of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.283F	Bent bone of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.283G	Bent bone of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.283H	Bent bone of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.283J	Bent bone of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.283K	Bent bone of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.283M	Bent bone of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.283N	Bent bone of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.283P	Bent bone of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.283Q	Bent bone of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.283R	Bent bone of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.283S	Bent bone of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.29	Other fracture of shaft of ulna	Diagnosis	ICD-10-CM
S52.291	Other fracture of shaft of right ulna	Diagnosis	ICD-10-CM
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.291B	Other fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.291C	Other fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.291D	Other fracture of shaft of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.291E	Other fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.291F	Other fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.291G	Other fracture of shaft of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.291H	Other fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.291J	Other fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.291K	Other fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.291M	Other fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.291N	Other fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.291P	Other fracture of shaft of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.291Q	Other fracture of shaft of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.291R	Other fracture of shaft of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.291S	Other fracture of shaft of right ulna, sequela	Diagnosis	ICD-10-CM
S52.292	Other fracture of shaft of left ulna	Diagnosis	ICD-10-CM
S52.292A	Other fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.292B	Other fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.292C	Other fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.292D	Other fracture of shaft of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.292E	Other fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.292F	Other fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.292G	Other fracture of shaft of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.292H	Other fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.292J	Other fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.292K	Other fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.292M	Other fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.292N	Other fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.292P	Other fracture of shaft of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.292Q	Other fracture of shaft of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.292R	Other fracture of shaft of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.292S	Other fracture of shaft of left ulna, sequela	Diagnosis	ICD-10-CM
S52.299	Other fracture of shaft of unspecified ulna	Diagnosis	ICD-10-CM
S52.299A	Other fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.299B	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.299C	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.299D	Other fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.299E	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.299F	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.299G	Other fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.299H	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.299J	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.299K	Other fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.299M	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.299N	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.299P	Other fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.299Q	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.299R	Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.299S	Other fracture of shaft of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.3	Fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.30	Unspecified fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.301	Unspecified fracture of shaft of right radius	Diagnosis	ICD-10-CM
S52.301A	Unspecified fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.301B	Unspecified fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.301D	Unspecified fracture of shaft of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.301E	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.301F	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.301G	Unspecified fracture of shaft of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.301H	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.301J	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.301K	Unspecified fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.301M	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.301N	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.301P	Unspecified fracture of shaft of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.301Q	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.301R	Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.301S	Unspecified fracture of shaft of right radius, sequela	Diagnosis	ICD-10-CM
S52.302	Unspecified fracture of shaft of left radius	Diagnosis	ICD-10-CM
S52.302A	Unspecified fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.302B	Unspecified fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.302C	Unspecified fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.302D	Unspecified fracture of shaft of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.302E	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.302F	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.302G	Unspecified fracture of shaft of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.302H	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.302J	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.302K	Unspecified fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.302M	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.302N	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.302P	Unspecified fracture of shaft of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.302Q	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.302R	Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.302S	Unspecified fracture of shaft of left radius, sequela	Diagnosis	ICD-10-CM
S52.309	Unspecified fracture of shaft of unspecified radius	Diagnosis	ICD-10-CM
S52.309A	Unspecified fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.309B	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.309C	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.309D	Unspecified fracture of shaft of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.309E	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.309F	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.309G	Unspecified fracture of shaft of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.309H	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.309J	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.309K	Unspecified fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.309M	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.309N	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.309P	Unspecified fracture of shaft of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.309Q	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.309R	Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.309S	Unspecified fracture of shaft of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.31	Greenstick fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.311	Greenstick fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.311D	Greenstick fracture of shaft of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.311G	Greenstick fracture of shaft of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.311K	Greenstick fracture of shaft of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.311P	Greenstick fracture of shaft of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.311S	Greenstick fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.312	Greenstick fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312D	Greenstick fracture of shaft of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.312G	Greenstick fracture of shaft of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.312K	Greenstick fracture of shaft of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.312P	Greenstick fracture of shaft of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.312S	Greenstick fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.319	Greenstick fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319D	Greenstick fracture of shaft of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.319G	Greenstick fracture of shaft of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.319K	Greenstick fracture of shaft of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.319P	Greenstick fracture of shaft of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.319S	Greenstick fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.32	Transverse fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.321	Displaced transverse fracture of shaft of right radius	Diagnosis	ICD-10-CM
S52.321A	Displaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321B	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.321C	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.321D	Displaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.321E	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.321F	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.321G	Displaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.321H	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.321J	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.321K	Displaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.321M	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.321N	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.321P	Displaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.321Q	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.321R	Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.321S	Displaced transverse fracture of shaft of right radius, sequela	Diagnosis	ICD-10-CM
S52.322	Displaced transverse fracture of shaft of left radius	Diagnosis	ICD-10-CM
S52.322A	Displaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.322B	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.322C	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.322D	Displaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.322E	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.322F	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.322G	Displaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.322H	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.322J	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.322K	Displaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.322M	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.322N	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.322P	Displaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.322Q	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.322R	Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.322S	Displaced transverse fracture of shaft of left radius, sequela	Diagnosis	ICD-10-CM
S52.323	Displaced transverse fracture of shaft of unspecified radius	Diagnosis	ICD-10-CM
S52.323A	Displaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.323B	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.323C	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.323D	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.323E	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.323F	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.323G	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.323H	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.323J	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.323K	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.323M	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.323N	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.323P	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.323Q	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.323R	Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.323S	Displaced transverse fracture of shaft of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.324	Nondisplaced transverse fracture of shaft of right radius	Diagnosis	ICD-10-CM
S52.324A	Nondisplaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.324B	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.324C	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.324D	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.324E	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.324F	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.324G	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.324H	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.324J	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.324K	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.324M	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.324N	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.324P	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.324Q	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.324R	Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.324S	Nondisplaced transverse fracture of shaft of right radius, sequela	Diagnosis	ICD-10-CM
S52.325	Nondisplaced transverse fracture of shaft of left radius	Diagnosis	ICD-10-CM
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.325B	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.325C	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.325D	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.325E	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.325F	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.325G	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.325H	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.325J	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.325K	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.325M	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.325N	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.325P	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.325Q	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.325R	Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.325S	Nondisplaced transverse fracture of shaft of left radius, sequela	Diagnosis	ICD-10-CM
S52.326	Nondisplaced transverse fracture of shaft of unspecified radius	Diagnosis	ICD-10-CM
S52.326A	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.326B	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.326C	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.326D	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.326E	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.326F	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.326G	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.326H	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.326J	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.326K	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.326M	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.326N	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.326P	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.326Q	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.326R	Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.326S	Nondisplaced transverse fracture of shaft of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.33	Oblique fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.331	Displaced oblique fracture of shaft of right radius	Diagnosis	ICD-10-CM
S52.331A	Displaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.331B	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.331C	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.331D	Displaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.331E	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.331F	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.331G	Displaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.331H	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.331J	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.331K	Displaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.331M	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.331N	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.331P	Displaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.331Q	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.331R	Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.331S	Displaced oblique fracture of shaft of right radius, sequela	Diagnosis	ICD-10-CM
S52.332	Displaced oblique fracture of shaft of left radius	Diagnosis	ICD-10-CM
S52.332A	Displaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.332B	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.332C	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.332D	Displaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.332E	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.332F	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.332G	Displaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.332H	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.332J	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.332K	Displaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.332M	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.332N	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.332P	Displaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.332Q	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.332R	Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.332S	Displaced oblique fracture of shaft of left radius, sequela	Diagnosis	ICD-10-CM
S52.333	Displaced oblique fracture of shaft of unspecified radius	Diagnosis	ICD-10-CM
S52.333A	Displaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.333B	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.333C	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.333D	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.333E	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.333F	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.333G	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.333H	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.333J	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.333K	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.333M	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.333N	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.333P	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.333Q	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.333R	Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.333S	Displaced oblique fracture of shaft of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.334	Nondisplaced oblique fracture of shaft of right radius	Diagnosis	ICD-10-CM
S52.334A	Nondisplaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.334B	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.334C	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.334D	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.334E	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.334F	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.334G	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.334H	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.334J	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.334K	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.334M	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.334N	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.334P	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.334Q	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.334R	Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.334S	Nondisplaced oblique fracture of shaft of right radius, sequela	Diagnosis	ICD-10-CM
S52.335	Nondisplaced oblique fracture of shaft of left radius	Diagnosis	ICD-10-CM
S52.335A	Nondisplaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.335B	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.335C	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.335D	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.335E	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.335F	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.335G	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.335H	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.335J	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.335K	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.335M	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.335N	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.335P	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.335Q	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.335R	Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.335S	Nondisplaced oblique fracture of shaft of left radius, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.336	Nondisplaced oblique fracture of shaft of unspecified radius	Diagnosis	ICD-10-CM
S52.336A	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.336B	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.336C	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.336D	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.336E	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.336F	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.336G	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.336H	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.336J	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.336K	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.336M	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.336N	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.336P	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.336Q	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.336R	Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.336S	Nondisplaced oblique fracture of shaft of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.34	Spiral fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.341	Displaced spiral fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.341A	Displaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.341B	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.341C	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.341D	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.341E	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.341F	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.341G	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.341H	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.341J	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.341K	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.341M	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.341N	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.341P	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.341Q	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.341R	Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.341S	Displaced spiral fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.342	Displaced spiral fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.342A	Displaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.342B	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.342C	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.342D	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.342E	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.342F	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.342G	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.342H	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.342J	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.342K	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.342M	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.342N	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.342P	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.342Q	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.342R	Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.342S	Displaced spiral fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.343	Displaced spiral fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.343A	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.343B	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.343C	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.343D	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.343E	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.343F	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.343G	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.343H	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.343J	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.343K	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.343M	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.343N	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.343P	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.343Q	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.343R	Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.343S	Displaced spiral fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.344	Nondisplaced spiral fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.344B	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.344C	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.344D	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.344E	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.344F	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.344G	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.344H	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.344J	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.344K	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.344M	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.344N	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.344P	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.344Q	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.344R	Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.344S	Nondisplaced spiral fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.345	Nondisplaced spiral fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.345A	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.345B	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.345C	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.345D	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.345E	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.345F	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.345G	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.345H	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.345J	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.345K	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.345M	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.345N	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.345P	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.345Q	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.345R	Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.345S	Nondisplaced spiral fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.346	Nondisplaced spiral fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.346A	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.346B	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.346C	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.346D	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.346E	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.346F	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.346G	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.346H	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.346J	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.346K	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.346M	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.346N	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.346P	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.346Q	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.346R	Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.346S	Nondisplaced spiral fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.35	Comminuted fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.351	Displaced comminuted fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.351A	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.351B	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.351C	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.351D	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.351E	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.351F	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.351G	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.351H	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.351J	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.351K	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.351M	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.351N	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.351P	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.351Q	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.351R	Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.351S	Displaced comminuted fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.352	Displaced comminuted fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.352A	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.352B	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.352C	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.352D	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.352E	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.352F	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.352G	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.352H	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.352J	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.352K	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.352M	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.352N	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.352P	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.352Q	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.352R	Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.352S	Displaced comminuted fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.353	Displaced comminuted fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.353A	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.353B	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.353C	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.353D	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.353E	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.353F	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.353G	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.353H	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.353J	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.353K	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.353M	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.353N	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.353P	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.353Q	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.353R	Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.353S	Displaced comminuted fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.354	Nondisplaced comminuted fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.354A	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.354B	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.354C	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.354D	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.354E	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.354F	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.354G	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.354H	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.354J	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.354K	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.354M	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.354N	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.354P	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.354Q	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.354R	Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.354S	Nondisplaced comminuted fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.355	Nondisplaced comminuted fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.355A	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.355B	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.355C	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.355D	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.355E	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.355F	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.355G	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.355H	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.355J	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.355K	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.355M	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.355N	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.355P	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.355Q	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.355R	Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.355S	Nondisplaced comminuted fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.356	Nondisplaced comminuted fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.356A	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.356B	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.356C	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.356D	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.356E	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.356F	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.356G	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.356H	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.356J	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.356K	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.356M	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.356N	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.356P	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.356Q	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.356R	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.356S	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.36	Segmental fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.361	Displaced segmental fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.361A	Displaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.361B	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.361C	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.361D	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.361E	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.361F	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.361G	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.361H	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.361J	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.361K	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.361M	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.361N	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.361P	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.361Q	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.361R	Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.361S	Displaced segmental fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.362	Displaced segmental fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.362A	Displaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.362B	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.362C	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.362D	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.362E	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.362F	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.362G	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.362H	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.362J	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.362K	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.362M	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.362N	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.362P	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.362Q	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.362R	Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.362S	Displaced segmental fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.363	Displaced segmental fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.363B	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.363C	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.363D	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.363E	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.363F	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.363G	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.363H	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.363J	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.363K	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.363M	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.363N	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.363P	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.363Q	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.363R	Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.363S	Displaced segmental fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.364	Nondisplaced segmental fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.364A	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.364B	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.364C	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.364D	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.364E	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.364F	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.364G	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.364H	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.364J	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.364K	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.364M	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.364N	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.364P	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.364Q	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.364R	Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.364S	Nondisplaced segmental fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.365	Nondisplaced segmental fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.365A	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.365B	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.365D	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.365E	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.365F	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.365G	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.365H	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.365J	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.365K	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.365M	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.365N	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.365P	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.365Q	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.365R	Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.365S	Nondisplaced segmental fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.366	Nondisplaced segmental fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.366A	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.366B	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.366C	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.366D	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.366E	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.366F	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.366G	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.366H	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.366J	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.366K	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.366M	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.366N	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.366P	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.366Q	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.366R	Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.366S	Nondisplaced segmental fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.37	Galeazzi's fracture	Diagnosis	ICD-10-CM
S52.371	Galeazzi's fracture of right radius	Diagnosis	ICD-10-CM
S52.371A	Galeazzi's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.371B	Galeazzi's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.371C	Galeazzi's fracture of right radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.371D	Galeazzi's fracture of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.371E	Galeazzi's fracture of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.371F	Galeazzi's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.371G	Galeazzi's fracture of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.371H	Galeazzi's fracture of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.371J	Galeazzi's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.371K	Galeazzi's fracture of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.371M	Galeazzi's fracture of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.371N	Galeazzi's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.371P	Galeazzi's fracture of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.371Q	Galeazzi's fracture of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.371R	Galeazzi's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.371S	Galeazzi's fracture of right radius, sequela	Diagnosis	ICD-10-CM
S52.372	Galeazzi's fracture of left radius	Diagnosis	ICD-10-CM
S52.372A	Galeazzi's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.372B	Galeazzi's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.372C	Galeazzi's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.372D	Galeazzi's fracture of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.372E	Galeazzi's fracture of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.372F	Galeazzi's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.372G	Galeazzi's fracture of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.372H	Galeazzi's fracture of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.372J	Galeazzi's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.372K	Galeazzi's fracture of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.372M	Galeazzi's fracture of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.372N	Galeazzi's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.372P	Galeazzi's fracture of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.372Q	Galeazzi's fracture of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.372R	Galeazzi's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.372S	Galeazzi's fracture of left radius, sequela	Diagnosis	ICD-10-CM
S52.379	Galeazzi's fracture of unspecified radius	Diagnosis	ICD-10-CM
S52.379A	Galeazzi's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.379B	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.379C	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.379D	Galeazzi's fracture of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.379E	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.379F	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.379G	Galeazzi's fracture of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.379H	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.379J	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.379K	Galeazzi's fracture of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.379M	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.379N	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.379P	Galeazzi's fracture of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.379Q	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.379R	Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.379S	Galeazzi's fracture of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.38	Bent bone of radius	Diagnosis	ICD-10-CM
S52.381	Bent bone of right radius	Diagnosis	ICD-10-CM
S52.381A	Bent bone of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.381B	Bent bone of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.381C	Bent bone of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.381D	Bent bone of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.381E	Bent bone of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.381F	Bent bone of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.381G	Bent bone of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.381H	Bent bone of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.381J	Bent bone of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.381K	Bent bone of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.381M	Bent bone of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.381N	Bent bone of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.381P	Bent bone of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.381Q	Bent bone of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.381R	Bent bone of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.381S	Bent bone of right radius, sequela	Diagnosis	ICD-10-CM
S52.382	Bent bone of left radius	Diagnosis	ICD-10-CM
S52.382A	Bent bone of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.382B	Bent bone of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.382C	Bent bone of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.382D	Bent bone of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.382E	Bent bone of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.382F	Bent bone of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.382G	Bent bone of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.382H	Bent bone of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.382J	Bent bone of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.382K	Bent bone of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.382M	Bent bone of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.382N	Bent bone of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.382P	Bent bone of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.382Q	Bent bone of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.382R	Bent bone of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.382S	Bent bone of left radius, sequela	Diagnosis	ICD-10-CM
S52.389	Bent bone of unspecified radius	Diagnosis	ICD-10-CM
S52.389A	Bent bone of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.389B	Bent bone of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.389C	Bent bone of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.389D	Bent bone of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.389E	Bent bone of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.389F	Bent bone of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.389G	Bent bone of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.389H	Bent bone of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.389J	Bent bone of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.389K	Bent bone of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.389M	Bent bone of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.389N	Bent bone of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.389P	Bent bone of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.389Q	Bent bone of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.389R	Bent bone of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.389S	Bent bone of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.39	Other fracture of shaft of radius	Diagnosis	ICD-10-CM
S52.391	Other fracture of shaft of radius, right arm	Diagnosis	ICD-10-CM
S52.391A	Other fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.391B	Other fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.391C	Other fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.391D	Other fracture of shaft of radius, right arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.391E	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.391F	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.391G	Other fracture of shaft of radius, right arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.391H	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.391J	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.391K	Other fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.391M	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.391N	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.391P	Other fracture of shaft of radius, right arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.391Q	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.391R	Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.391S	Other fracture of shaft of radius, right arm, sequela	Diagnosis	ICD-10-CM
S52.392	Other fracture of shaft of radius, left arm	Diagnosis	ICD-10-CM
S52.392A	Other fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.392B	Other fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.392C	Other fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.392D	Other fracture of shaft of radius, left arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.392E	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.392F	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.392G	Other fracture of shaft of radius, left arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.392H	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.392J	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.392K	Other fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.392M	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.392N	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.392P	Other fracture of shaft of radius, left arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.392Q	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.392R	Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.392S	Other fracture of shaft of radius, left arm, sequela	Diagnosis	ICD-10-CM
S52.399	Other fracture of shaft of radius, unspecified arm	Diagnosis	ICD-10-CM
S52.399A	Other fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.399B	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.399C	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.399D	Other fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.399E	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.399F	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.399G	Other fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.399H	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.399J	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.399K	Other fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.399M	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.399N	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.399P	Other fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.399Q	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.399R	Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.399S	Other fracture of shaft of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S52.5	Fracture of lower end of radius	Diagnosis	ICD-10-CM
S52.50	Unspecified fracture of the lower end of radius	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.501	Unspecified fracture of the lower end of right radius	Diagnosis	ICD-10-CM
S52.501A	Unspecified fracture of the lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.501B	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.501C	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.501D	Unspecified fracture of the lower end of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.501E	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.501F	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.501G	Unspecified fracture of the lower end of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.501H	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.501J	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.501K	Unspecified fracture of the lower end of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.501M	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.501N	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.501P	Unspecified fracture of the lower end of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.501Q	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.501R	Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.501S	Unspecified fracture of the lower end of right radius, sequela	Diagnosis	ICD-10-CM
S52.502	Unspecified fracture of the lower end of left radius	Diagnosis	ICD-10-CM
S52.502A	Unspecified fracture of the lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.502B	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.502C	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.502D	Unspecified fracture of the lower end of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.502E	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.502F	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.502G	Unspecified fracture of the lower end of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.502H	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.502J	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.502K	Unspecified fracture of the lower end of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.502M	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.502N	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.502P	Unspecified fracture of the lower end of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.502Q	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.502R	Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.502S	Unspecified fracture of the lower end of left radius, sequela	Diagnosis	ICD-10-CM
S52.509	Unspecified fracture of the lower end of unspecified radius	Diagnosis	ICD-10-CM
S52.509A	Unspecified fracture of the lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.509B	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.509C	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.509D	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.509E	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.509F	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.509G	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.509H	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.509J	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.509K	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.509M	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.509N	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.509P	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.509Q	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.509R	Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.509S	Unspecified fracture of the lower end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.51	Fracture of radial styloid process	Diagnosis	ICD-10-CM
S52.511	Displaced fracture of right radial styloid process	Diagnosis	ICD-10-CM
S52.511A	Displaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.511B	Displaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.511C	Displaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.511D	Displaced fracture of right radial styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.511E	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.511F	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.511G	Displaced fracture of right radial styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.511H	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.511J	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.511K	Displaced fracture of right radial styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.511M	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.511N	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.511P	Displaced fracture of right radial styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.511Q	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.511R	Displaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.511S	Displaced fracture of right radial styloid process, sequela	Diagnosis	ICD-10-CM
S52.512	Displaced fracture of left radial styloid process	Diagnosis	ICD-10-CM
S52.512A	Displaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.512B	Displaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.512D	Displaced fracture of left radial styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.512E	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.512F	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.512G	Displaced fracture of left radial styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.512H	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.512J	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.512K	Displaced fracture of left radial styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.512M	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.512N	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.512P	Displaced fracture of left radial styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.512Q	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.512R	Displaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.512S	Displaced fracture of left radial styloid process, sequela	Diagnosis	ICD-10-CM
S52.513	Displaced fracture of unspecified radial styloid process	Diagnosis	ICD-10-CM
S52.513A	Displaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.513B	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.513C	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.513D	Displaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.513E	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.513F	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.513G	Displaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.513H	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.513J	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.513K	Displaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.513M	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.513N	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.513P	Displaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.513Q	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.513R	Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.513S	Displaced fracture of unspecified radial styloid process, sequela	Diagnosis	ICD-10-CM
S52.514	Nondisplaced fracture of right radial styloid process	Diagnosis	ICD-10-CM
S52.514A	Nondisplaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.514B	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.514D	Nondisplaced fracture of right radial styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.514E	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.514F	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.514G	Nondisplaced fracture of right radial styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.514H	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.514J	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.514K	Nondisplaced fracture of right radial styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.514M	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.514N	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.514P	Nondisplaced fracture of right radial styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.514Q	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.514R	Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.514S	Nondisplaced fracture of right radial styloid process, sequela	Diagnosis	ICD-10-CM
S52.515	Nondisplaced fracture of left radial styloid process	Diagnosis	ICD-10-CM
S52.515A	Nondisplaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.515B	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.515C	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.515D	Nondisplaced fracture of left radial styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.515E	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.515F	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.515G	Nondisplaced fracture of left radial styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.515H	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.515J	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.515K	Nondisplaced fracture of left radial styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.515M	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.515N	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.515P	Nondisplaced fracture of left radial styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.515Q	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.515R	Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.515S	Nondisplaced fracture of left radial styloid process, sequela	Diagnosis	ICD-10-CM
S52.516	Nondisplaced fracture of unspecified radial styloid process	Diagnosis	ICD-10-CM
S52.516A	Nondisplaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.516B	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.516C	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.516D	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.516E	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.516F	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.516G	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.516H	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.516J	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.516K	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.516M	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.516N	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.516P	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.516Q	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.516R	Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.516S	Nondisplaced fracture of unspecified radial styloid process, sequela	Diagnosis	ICD-10-CM
S52.52	Torus fracture of lower end of radius	Diagnosis	ICD-10-CM
S52.521	Torus fracture of lower end of right radius	Diagnosis	ICD-10-CM
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.521D	Torus fracture of lower end of right radius, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.521G	Torus fracture of lower end of right radius, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.521K	Torus fracture of lower end of right radius, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.521P	Torus fracture of lower end of right radius, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.521S	Torus fracture of lower end of right radius, sequela	Diagnosis	ICD-10-CM
S52.522	Torus fracture of lower end of left radius	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522D	Torus fracture of lower end of left radius, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.522G	Torus fracture of lower end of left radius, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.522K	Torus fracture of lower end of left radius, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.522P	Torus fracture of lower end of left radius, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.522S	Torus fracture of lower end of left radius, sequela	Diagnosis	ICD-10-CM
S52.529	Torus fracture of lower end of unspecified radius	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529D	Torus fracture of lower end of unspecified radius, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.529G	Torus fracture of lower end of unspecified radius, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.529K	Torus fracture of lower end of unspecified radius, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.529P	Torus fracture of lower end of unspecified radius, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.529S	Torus fracture of lower end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.53	Colles' fracture	Diagnosis	ICD-10-CM
S52.531	Colles' fracture of right radius	Diagnosis	ICD-10-CM
S52.531A	Colles' fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531B	Colles' fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.531C	Colles' fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.531D	Colles' fracture of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.531E	Colles' fracture of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.531F	Colles' fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.531G	Colles' fracture of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.531H	Colles' fracture of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.531J	Colles' fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.531K	Colles' fracture of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.531M	Colles' fracture of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.531N	Colles' fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.531P	Colles' fracture of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.531Q	Colles' fracture of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.531R	Colles' fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.531S	Colles' fracture of right radius, sequela	Diagnosis	ICD-10-CM
S52.532	Colles' fracture of left radius	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.532A	Colles' fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.532B	Colles' fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.532C	Colles' fracture of left radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.532D	Colles' fracture of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.532E	Colles' fracture of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.532F	Colles' fracture of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.532G	Colles' fracture of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.532H	Colles' fracture of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.532J	Colles' fracture of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.532K	Colles' fracture of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.532M	Colles' fracture of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.532N	Colles' fracture of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.532P	Colles' fracture of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.532Q	Colles' fracture of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.532R	Colles' fracture of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.532S	Colles' fracture of left radius, sequela	Diagnosis	ICD-10-CM
S52.539	Colles' fracture of unspecified radius	Diagnosis	ICD-10-CM
S52.539A	Colles' fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.539B	Colles' fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.539C	Colles' fracture of unspecified radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.539D	Colles' fracture of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.539E	Colles' fracture of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.539F	Colles' fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.539G	Colles' fracture of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.539H	Colles' fracture of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.539J	Colles' fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.539K	Colles' fracture of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.539M	Colles' fracture of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.539N	Colles' fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.539P	Colles' fracture of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.539Q	Colles' fracture of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.539R	Colles' fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.539S	Colles' fracture of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.54	Smith's fracture	Diagnosis	ICD-10-CM
S52.541	Smith's fracture of right radius	Diagnosis	ICD-10-CM
S52.541A	Smith's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.541B	Smith's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.541C	Smith's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.541D	Smith's fracture of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.541E	Smith's fracture of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.541F	Smith's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.541G	Smith's fracture of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.541H	Smith's fracture of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.541J	Smith's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.541K	Smith's fracture of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.541M	Smith's fracture of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.541N	Smith's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.541P	Smith's fracture of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.541Q	Smith's fracture of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.541R	Smith's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.541S	Smith's fracture of right radius, sequela	Diagnosis	ICD-10-CM
S52.542	Smith's fracture of left radius	Diagnosis	ICD-10-CM
S52.542A	Smith's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.542B	Smith's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.542C	Smith's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.542D	Smith's fracture of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.542E	Smith's fracture of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.542F	Smith's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.542G	Smith's fracture of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.542H	Smith's fracture of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.542J	Smith's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.542K	Smith's fracture of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.542M	Smith's fracture of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.542N	Smith's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.542P	Smith's fracture of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.542Q	Smith's fracture of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.542R	Smith's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.542S	Smith's fracture of left radius, sequela	Diagnosis	ICD-10-CM
S52.549	Smith's fracture of unspecified radius	Diagnosis	ICD-10-CM
S52.549A	Smith's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.549B	Smith's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.549C	Smith's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.549D	Smith's fracture of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.549E	Smith's fracture of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.549F	Smith's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.549G	Smith's fracture of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.549H	Smith's fracture of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.549J	Smith's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.549K	Smith's fracture of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.549M	Smith's fracture of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.549N	Smith's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.549P	Smith's fracture of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.549Q	Smith's fracture of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.549R	Smith's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.549S	Smith's fracture of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.55	Other extraarticular fracture of lower end of radius	Diagnosis	ICD-10-CM
S52.551	Other extraarticular fracture of lower end of right radius	Diagnosis	ICD-10-CM
S52.551A	Other extraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.551B	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.551C	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.551D	Other extraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.551E	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.551F	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.551G	Other extraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.551H	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.551J	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.551K	Other extraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.551M	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.551N	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.551P	Other extraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.551Q	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.551R	Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.551S	Other extraarticular fracture of lower end of right radius, sequela	Diagnosis	ICD-10-CM
S52.552	Other extraarticular fracture of lower end of left radius	Diagnosis	ICD-10-CM
S52.552A	Other extraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.552B	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.552C	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.552D	Other extraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.552E	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.552F	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.552G	Other extraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.552H	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.552J	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.552K	Other extraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.552M	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.552N	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.552P	Other extraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.552Q	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.552R	Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.552S	Other extraarticular fracture of lower end of left radius, sequela	Diagnosis	ICD-10-CM
S52.559	Other extraarticular fracture of lower end of unspecified radius	Diagnosis	ICD-10-CM
S52.559A	Other extraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.559B	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.559C	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.559D	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.559E	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.559F	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.559G	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.559H	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.559J	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.559K	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.559M	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.559N	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.559P	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.559Q	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.559R	Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.559S	Other extraarticular fracture of lower end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.56	Barton's fracture	Diagnosis	ICD-10-CM
S52.561	Barton's fracture of right radius	Diagnosis	ICD-10-CM
S52.561A	Barton's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.561B	Barton's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.561C	Barton's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.561D	Barton's fracture of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.561E	Barton's fracture of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.561F	Barton's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.561G	Barton's fracture of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.561H	Barton's fracture of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.561J	Barton's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.561K	Barton's fracture of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.561M	Barton's fracture of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.561N	Barton's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.561P	Barton's fracture of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.561Q	Barton's fracture of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.561R	Barton's fracture of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.561S	Barton's fracture of right radius, sequela	Diagnosis	ICD-10-CM
S52.562	Barton's fracture of left radius	Diagnosis	ICD-10-CM
S52.562A	Barton's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.562B	Barton's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.562C	Barton's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.562D	Barton's fracture of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.562E	Barton's fracture of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.562F	Barton's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.562G	Barton's fracture of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.562H	Barton's fracture of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.562J	Barton's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.562K	Barton's fracture of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.562M	Barton's fracture of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.562N	Barton's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.562P	Barton's fracture of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.562Q	Barton's fracture of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.562R	Barton's fracture of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.562S	Barton's fracture of left radius, sequela	Diagnosis	ICD-10-CM
S52.569	Barton's fracture of unspecified radius	Diagnosis	ICD-10-CM
S52.569A	Barton's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.569B	Barton's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.569D	Barton's fracture of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.569E	Barton's fracture of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.569F	Barton's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.569G	Barton's fracture of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.569H	Barton's fracture of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.569J	Barton's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.569K	Barton's fracture of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.569M	Barton's fracture of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.569N	Barton's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.569P	Barton's fracture of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.569Q	Barton's fracture of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.569R	Barton's fracture of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.569S	Barton's fracture of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.57	Other intraarticular fracture of lower end of radius	Diagnosis	ICD-10-CM
S52.571	Other intraarticular fracture of lower end of right radius	Diagnosis	ICD-10-CM
S52.571A	Other intraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.571B	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.571C	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.571D	Other intraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.571E	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.571F	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.571G	Other intraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.571H	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.571J	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.571K	Other intraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.571M	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.571N	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.571P	Other intraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.571Q	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.571R	Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.571S	Other intraarticular fracture of lower end of right radius, sequela	Diagnosis	ICD-10-CM
S52.572	Other intraarticular fracture of lower end of left radius	Diagnosis	ICD-10-CM
S52.572A	Other intraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.572B	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.572C	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.572D	Other intraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.572E	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.572F	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.572G	Other intraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.572H	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.572J	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.572K	Other intraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.572M	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.572N	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.572P	Other intraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.572Q	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.572R	Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.572S	Other intraarticular fracture of lower end of left radius, sequela	Diagnosis	ICD-10-CM
S52.579	Other intraarticular fracture of lower end of unspecified radius	Diagnosis	ICD-10-CM
S52.579A	Other intraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.579B	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.579C	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.579D	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.579E	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.579F	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.579G	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.579H	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.579J	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.579K	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.579M	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.579N	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.579P	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.579Q	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.579R	Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.579S	Other intraarticular fracture of lower end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.59	Other fractures of lower end of radius	Diagnosis	ICD-10-CM
S52.591	Other fractures of lower end of right radius	Diagnosis	ICD-10-CM
S52.591A	Other fractures of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.591B	Other fractures of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.591C	Other fractures of lower end of right radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.591D	Other fractures of lower end of right radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.591E	Other fractures of lower end of right radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.591F	Other fractures of lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.591G	Other fractures of lower end of right radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.591H	Other fractures of lower end of right radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.591J	Other fractures of lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.591K	Other fractures of lower end of right radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.591M	Other fractures of lower end of right radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.591N	Other fractures of lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.591P	Other fractures of lower end of right radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.591Q	Other fractures of lower end of right radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.591R	Other fractures of lower end of right radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.591S	Other fractures of lower end of right radius, sequela	Diagnosis	ICD-10-CM
S52.592	Other fractures of lower end of left radius	Diagnosis	ICD-10-CM
S52.592A	Other fractures of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.592B	Other fractures of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.592C	Other fractures of lower end of left radius, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.592D	Other fractures of lower end of left radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.592E	Other fractures of lower end of left radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.592F	Other fractures of lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.592G	Other fractures of lower end of left radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.592H	Other fractures of lower end of left radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.592J	Other fractures of lower end of left radius, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.592K	Other fractures of lower end of left radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.592M	Other fractures of lower end of left radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.592N	Other fractures of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.592P	Other fractures of lower end of left radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.592Q	Other fractures of lower end of left radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.592R	Other fractures of lower end of left radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.592S	Other fractures of lower end of left radius, sequela	Diagnosis	ICD-10-CM
S52.599	Other fractures of lower end of unspecified radius	Diagnosis	ICD-10-CM
S52.599A	Other fractures of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.599B	Other fractures of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.599C	Other fractures of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.599D	Other fractures of lower end of unspecified radius, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.599E	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.599F	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.599G	Other fractures of lower end of unspecified radius, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.599H	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.599J	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.599K	Other fractures of lower end of unspecified radius, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.599M	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.599N	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.599P	Other fractures of lower end of unspecified radius, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.599Q	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.599R	Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.599S	Other fractures of lower end of unspecified radius, sequela	Diagnosis	ICD-10-CM
S52.6	Fracture of lower end of ulna	Diagnosis	ICD-10-CM
S52.60	Unspecified fracture of lower end of ulna	Diagnosis	ICD-10-CM
S52.601	Unspecified fracture of lower end of right ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.601A	Unspecified fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.601B	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.601C	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.601D	Unspecified fracture of lower end of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.601E	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.601F	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.601G	Unspecified fracture of lower end of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.601H	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.601J	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.601K	Unspecified fracture of lower end of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.601M	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.601N	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.601P	Unspecified fracture of lower end of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.601Q	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.601R	Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.601S	Unspecified fracture of lower end of right ulna, sequela	Diagnosis	ICD-10-CM
S52.602	Unspecified fracture of lower end of left ulna	Diagnosis	ICD-10-CM
S52.602A	Unspecified fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.602B	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.602C	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.602D	Unspecified fracture of lower end of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.602E	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.602F	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.602G	Unspecified fracture of lower end of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.602H	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.602J	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.602K	Unspecified fracture of lower end of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.602M	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.602N	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.602P	Unspecified fracture of lower end of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.602Q	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.602R	Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.602S	Unspecified fracture of lower end of left ulna, sequela	Diagnosis	ICD-10-CM
S52.609	Unspecified fracture of lower end of unspecified ulna	Diagnosis	ICD-10-CM
S52.609A	Unspecified fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.609B	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.609C	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.609D	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.609E	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.609F	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.609G	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.609H	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.609J	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.609K	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.609M	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.609N	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.609P	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.609Q	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.609R	Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.609S	Unspecified fracture of lower end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.61	Fracture of ulna styloid process	Diagnosis	ICD-10-CM
S52.611	Displaced fracture of right ulna styloid process	Diagnosis	ICD-10-CM
S52.611A	Displaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.611B	Displaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.611C	Displaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.611D	Displaced fracture of right ulna styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.611E	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.611F	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.611G	Displaced fracture of right ulna styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.611H	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.611J	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.611K	Displaced fracture of right ulna styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.611M	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.611N	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.611P	Displaced fracture of right ulna styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.611Q	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.611R	Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.611S	Displaced fracture of right ulna styloid process, sequela	Diagnosis	ICD-10-CM
S52.612	Displaced fracture of left ulna styloid process	Diagnosis	ICD-10-CM
S52.612A	Displaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.612B	Displaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.612D	Displaced fracture of left ulna styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.612E	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.612F	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.612G	Displaced fracture of left ulna styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.612H	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.612J	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.612K	Displaced fracture of left ulna styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.612M	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.612N	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.612P	Displaced fracture of left ulna styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.612Q	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.612R	Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.612S	Displaced fracture of left ulna styloid process, sequela	Diagnosis	ICD-10-CM
S52.613	Displaced fracture of unspecified ulna styloid process	Diagnosis	ICD-10-CM
S52.613A	Displaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.613B	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.613C	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.613D	Displaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.613E	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.613F	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.613G	Displaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.613H	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.613J	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.613K	Displaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.613M	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.613N	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.613P	Displaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.613Q	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.613R	Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.613S	Displaced fracture of unspecified ulna styloid process, sequela	Diagnosis	ICD-10-CM
S52.614	Nondisplaced fracture of right ulna styloid process	Diagnosis	ICD-10-CM
S52.614A	Nondisplaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.614B	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.614C	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.614D	Nondisplaced fracture of right ulna styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.614E	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.614F	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.614G	Nondisplaced fracture of right ulna styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.614H	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.614J	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.614K	Nondisplaced fracture of right ulna styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.614M	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.614N	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.614P	Nondisplaced fracture of right ulna styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.614Q	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.614R	Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.614S	Nondisplaced fracture of right ulna styloid process, sequela	Diagnosis	ICD-10-CM
S52.615	Nondisplaced fracture of left ulna styloid process	Diagnosis	ICD-10-CM
S52.615A	Nondisplaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.615B	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.615C	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.615D	Nondisplaced fracture of left ulna styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.615E	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.615F	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.615G	Nondisplaced fracture of left ulna styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.615H	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.615J	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.615K	Nondisplaced fracture of left ulna styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.615M	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.615N	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.615P	Nondisplaced fracture of left ulna styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.615Q	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.615R	Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.615S	Nondisplaced fracture of left ulna styloid process, sequela	Diagnosis	ICD-10-CM
S52.616	Nondisplaced fracture of unspecified ulna styloid process	Diagnosis	ICD-10-CM
S52.616A	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.616B	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.616C	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.616D	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.616E	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.616F	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.616G	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.616H	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.616J	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.616K	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.616M	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.616N	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.616P	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.616Q	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.616R	Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.616S	Nondisplaced fracture of unspecified ulna styloid process, sequela	Diagnosis	ICD-10-CM
S52.62	Torus fracture of lower end of ulna	Diagnosis	ICD-10-CM
S52.621	Torus fracture of lower end of right ulna	Diagnosis	ICD-10-CM
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.621D	Torus fracture of lower end of right ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.621G	Torus fracture of lower end of right ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.621K	Torus fracture of lower end of right ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.621P	Torus fracture of lower end of right ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.621S	Torus fracture of lower end of right ulna, sequela	Diagnosis	ICD-10-CM
S52.622	Torus fracture of lower end of left ulna	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622D	Torus fracture of lower end of left ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.622G	Torus fracture of lower end of left ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.622K	Torus fracture of lower end of left ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.622P	Torus fracture of lower end of left ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.622S	Torus fracture of lower end of left ulna, sequela	Diagnosis	ICD-10-CM
S52.629	Torus fracture of lower end of unspecified ulna	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629D	Torus fracture of lower end of unspecified ulna, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S52.629G	Torus fracture of lower end of unspecified ulna, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S52.629K	Torus fracture of lower end of unspecified ulna, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S52.629P	Torus fracture of lower end of unspecified ulna, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S52.629S	Torus fracture of lower end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.69	Other fracture of lower end of ulna	Diagnosis	ICD-10-CM
S52.691	Other fracture of lower end of right ulna	Diagnosis	ICD-10-CM
S52.691A	Other fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.691B	Other fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.691C	Other fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.691D	Other fracture of lower end of right ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.691E	Other fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.691F	Other fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.691G	Other fracture of lower end of right ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.691H	Other fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.691J	Other fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.691K	Other fracture of lower end of right ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.691M	Other fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.691N	Other fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.691P	Other fracture of lower end of right ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.691Q	Other fracture of lower end of right ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.691R	Other fracture of lower end of right ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.691S	Other fracture of lower end of right ulna, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.692	Other fracture of lower end of left ulna	Diagnosis	ICD-10-CM
S52.692A	Other fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.692B	Other fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.692C	Other fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.692D	Other fracture of lower end of left ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.692E	Other fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.692F	Other fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.692G	Other fracture of lower end of left ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.692H	Other fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.692J	Other fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.692K	Other fracture of lower end of left ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.692M	Other fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.692N	Other fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.692P	Other fracture of lower end of left ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.692Q	Other fracture of lower end of left ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.692R	Other fracture of lower end of left ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.692S	Other fracture of lower end of left ulna, sequela	Diagnosis	ICD-10-CM
S52.699	Other fracture of lower end of unspecified ulna	Diagnosis	ICD-10-CM
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.699B	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.699C	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.699D	Other fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.699E	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.699F	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.699G	Other fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.699H	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.699J	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.699K	Other fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.699M	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.699N	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.699P	Other fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.699Q	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.699R	Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.699S	Other fracture of lower end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S52.9	Unspecified fracture of forearm	Diagnosis	ICD-10-CM
S52.90	Unspecified fracture of unspecified forearm	Diagnosis	ICD-10-CM
S52.90XA	Unspecified fracture of unspecified forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.90XB	Unspecified fracture of unspecified forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.90XC	Unspecified fracture of unspecified forearm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.90XD	Unspecified fracture of unspecified forearm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.90XE	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.90XF	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.90XG	Unspecified fracture of unspecified forearm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.90XH	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.90XJ	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.90XK	Unspecified fracture of unspecified forearm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.90XM	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.90XN	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.90XP	Unspecified fracture of unspecified forearm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.90XQ	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.90XR	Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.90XS	Unspecified fracture of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S52.91	Unspecified fracture of right forearm	Diagnosis	ICD-10-CM
S52.91XA	Unspecified fracture of right forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.91XB	Unspecified fracture of right forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.91XC	Unspecified fracture of right forearm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S52.91XD	Unspecified fracture of right forearm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.91XE	Unspecified fracture of right forearm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.91XF	Unspecified fracture of right forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S52.91XG	Unspecified fracture of right forearm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.91XH	Unspecified fracture of right forearm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.91XJ	Unspecified fracture of right forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S52.91XK	Unspecified fracture of right forearm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.91XM	Unspecified fracture of right forearm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.91XN	Unspecified fracture of right forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S52.91XP	Unspecified fracture of right forearm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.91XQ	Unspecified fracture of right forearm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.91XR	Unspecified fracture of right forearm, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S52.91XS	Unspecified fracture of right forearm, sequela	Diagnosis	ICD-10-CM
S52.92	Unspecified fracture of left forearm	Diagnosis	ICD-10-CM
S52.92XA	Unspecified fracture of left forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.92XB	Unspecified fracture of left forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.92XC	Unspecified fracture of left forearm, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S52.92XD	Unspecified fracture of left forearm, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S52.92XE	Unspecified fracture of left forearm, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S52.92XF	Unspecified fracture of left forearm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S52.92XG	Unspecified fracture of left forearm, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S52.92XH	Unspecified fracture of left forearm, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S52.92XJ	Unspecified fracture of left forearm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S52.92XK	Unspecified fracture of left forearm, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S52.92XM	Unspecified fracture of left forearm, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S52.92XN	Unspecified fracture of left forearm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S52.92XP	Unspecified fracture of left forearm, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S52.92XQ	Unspecified fracture of left forearm, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S52.92XR	Unspecified fracture of left forearm, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S52.92XS	Unspecified fracture of left forearm, sequela	Diagnosis	ICD-10-CM
S53	Dislocation and sprain of joints and ligaments of elbow	Diagnosis	ICD-10-CM
S53.0	Subluxation and dislocation of radial head	Diagnosis	ICD-10-CM
S53.00	Unspecified subluxation and dislocation of radial head	Diagnosis	ICD-10-CM
S53.001	Unspecified subluxation of right radial head	Diagnosis	ICD-10-CM
S53.001A	Unspecified subluxation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.001D	Unspecified subluxation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.001S	Unspecified subluxation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.002	Unspecified subluxation of left radial head	Diagnosis	ICD-10-CM
S53.002A	Unspecified subluxation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.002D	Unspecified subluxation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.002S	Unspecified subluxation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.003	Unspecified subluxation of unspecified radial head	Diagnosis	ICD-10-CM
S53.003A	Unspecified subluxation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.003D	Unspecified subluxation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.003S	Unspecified subluxation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.004	Unspecified dislocation of right radial head	Diagnosis	ICD-10-CM
S53.004A	Unspecified dislocation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.004D	Unspecified dislocation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.004S	Unspecified dislocation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.005	Unspecified dislocation of left radial head	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S53.005A	Unspecified dislocation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.005D	Unspecified dislocation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.005S	Unspecified dislocation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.006	Unspecified dislocation of unspecified radial head	Diagnosis	ICD-10-CM
S53.006A	Unspecified dislocation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.006D	Unspecified dislocation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.006S	Unspecified dislocation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.01	Anterior subluxation and dislocation of radial head	Diagnosis	ICD-10-CM
S53.011	Anterior subluxation of right radial head	Diagnosis	ICD-10-CM
S53.011A	Anterior subluxation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.011D	Anterior subluxation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.011S	Anterior subluxation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.012	Anterior subluxation of left radial head	Diagnosis	ICD-10-CM
S53.012A	Anterior subluxation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.012D	Anterior subluxation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.012S	Anterior subluxation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.013	Anterior subluxation of unspecified radial head	Diagnosis	ICD-10-CM
S53.013A	Anterior subluxation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.013D	Anterior subluxation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.013S	Anterior subluxation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.014	Anterior dislocation of right radial head	Diagnosis	ICD-10-CM
S53.014A	Anterior dislocation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.014D	Anterior dislocation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.014S	Anterior dislocation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.015	Anterior dislocation of left radial head	Diagnosis	ICD-10-CM
S53.015A	Anterior dislocation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.015D	Anterior dislocation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.015S	Anterior dislocation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.016	Anterior dislocation of unspecified radial head	Diagnosis	ICD-10-CM
S53.016A	Anterior dislocation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.016D	Anterior dislocation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.016S	Anterior dislocation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.02	Posterior subluxation and dislocation of radial head	Diagnosis	ICD-10-CM
S53.021	Posterior subluxation of right radial head	Diagnosis	ICD-10-CM
S53.021A	Posterior subluxation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.021D	Posterior subluxation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.021S	Posterior subluxation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.022	Posterior subluxation of left radial head	Diagnosis	ICD-10-CM
S53.022A	Posterior subluxation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.022D	Posterior subluxation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.022S	Posterior subluxation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.023	Posterior subluxation of unspecified radial head	Diagnosis	ICD-10-CM
S53.023A	Posterior subluxation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.023D	Posterior subluxation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.023S	Posterior subluxation of unspecified radial head, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S53.024	Posterior dislocation of right radial head	Diagnosis	ICD-10-CM
S53.024A	Posterior dislocation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.024D	Posterior dislocation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.024S	Posterior dislocation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.025	Posterior dislocation of left radial head	Diagnosis	ICD-10-CM
S53.025A	Posterior dislocation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.025D	Posterior dislocation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.025S	Posterior dislocation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.026	Posterior dislocation of unspecified radial head	Diagnosis	ICD-10-CM
S53.026A	Posterior dislocation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.026D	Posterior dislocation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.026S	Posterior dislocation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.03	Nursemaid's elbow	Diagnosis	ICD-10-CM
S53.031	Nursemaid's elbow, right elbow	Diagnosis	ICD-10-CM
S53.031A	Nursemaid's elbow, right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.031D	Nursemaid's elbow, right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.031S	Nursemaid's elbow, right elbow, sequela	Diagnosis	ICD-10-CM
S53.032	Nursemaid's elbow, left elbow	Diagnosis	ICD-10-CM
S53.032A	Nursemaid's elbow, left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.032D	Nursemaid's elbow, left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.032S	Nursemaid's elbow, left elbow, sequela	Diagnosis	ICD-10-CM
S53.033	Nursemaid's elbow, unspecified elbow	Diagnosis	ICD-10-CM
S53.033A	Nursemaid's elbow, unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.033D	Nursemaid's elbow, unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.033S	Nursemaid's elbow, unspecified elbow, sequela	Diagnosis	ICD-10-CM
S53.09	Other subluxation and dislocation of radial head	Diagnosis	ICD-10-CM
S53.091	Other subluxation of right radial head	Diagnosis	ICD-10-CM
S53.091A	Other subluxation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.091D	Other subluxation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.091S	Other subluxation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.092	Other subluxation of left radial head	Diagnosis	ICD-10-CM
S53.092A	Other subluxation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.092D	Other subluxation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.092S	Other subluxation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.093	Other subluxation of unspecified radial head	Diagnosis	ICD-10-CM
S53.093A	Other subluxation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.093D	Other subluxation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.093S	Other subluxation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.094	Other dislocation of right radial head	Diagnosis	ICD-10-CM
S53.094A	Other dislocation of right radial head, initial encounter	Diagnosis	ICD-10-CM
S53.094D	Other dislocation of right radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.094S	Other dislocation of right radial head, sequela	Diagnosis	ICD-10-CM
S53.095	Other dislocation of left radial head	Diagnosis	ICD-10-CM
S53.095A	Other dislocation of left radial head, initial encounter	Diagnosis	ICD-10-CM
S53.095D	Other dislocation of left radial head, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S53.095S	Other dislocation of left radial head, sequela	Diagnosis	ICD-10-CM
S53.096	Other dislocation of unspecified radial head	Diagnosis	ICD-10-CM
S53.096A	Other dislocation of unspecified radial head, initial encounter	Diagnosis	ICD-10-CM
S53.096D	Other dislocation of unspecified radial head, subsequent encounter	Diagnosis	ICD-10-CM
S53.096S	Other dislocation of unspecified radial head, sequela	Diagnosis	ICD-10-CM
S53.1	Subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.10	Unspecified subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.101	Unspecified subluxation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.101A	Unspecified subluxation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.101D	Unspecified subluxation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.101S	Unspecified subluxation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.102	Unspecified subluxation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.102A	Unspecified subluxation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.102D	Unspecified subluxation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.102S	Unspecified subluxation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.103	Unspecified subluxation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.103A	Unspecified subluxation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.103D	Unspecified subluxation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.103S	Unspecified subluxation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.104	Unspecified dislocation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.104A	Unspecified dislocation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.104D	Unspecified dislocation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.104S	Unspecified dislocation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.105	Unspecified dislocation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.105A	Unspecified dislocation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.105D	Unspecified dislocation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.105S	Unspecified dislocation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.106	Unspecified dislocation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.106A	Unspecified dislocation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.106D	Unspecified dislocation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.106S	Unspecified dislocation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.11	Anterior subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.111	Anterior subluxation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.111A	Anterior subluxation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.111D	Anterior subluxation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.111S	Anterior subluxation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.112	Anterior subluxation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.112A	Anterior subluxation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.112D	Anterior subluxation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.112S	Anterior subluxation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.113	Anterior subluxation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.113A	Anterior subluxation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.113D	Anterior subluxation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.113S	Anterior subluxation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.114	Anterior dislocation of right ulnohumeral joint	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S53.114A	Anterior dislocation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.114D	Anterior dislocation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.114S	Anterior dislocation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.115	Anterior dislocation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.115A	Anterior dislocation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.115D	Anterior dislocation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.115S	Anterior dislocation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.116	Anterior dislocation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.116A	Anterior dislocation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.116D	Anterior dislocation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.116S	Anterior dislocation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.12	Posterior subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.121	Posterior subluxation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.121A	Posterior subluxation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.121D	Posterior subluxation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.121S	Posterior subluxation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.122	Posterior subluxation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.122A	Posterior subluxation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.122D	Posterior subluxation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.122S	Posterior subluxation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.123	Posterior subluxation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.123A	Posterior subluxation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.123D	Posterior subluxation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.123S	Posterior subluxation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.124	Posterior dislocation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.124A	Posterior dislocation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.124D	Posterior dislocation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.124S	Posterior dislocation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.125	Posterior dislocation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.125A	Posterior dislocation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.125D	Posterior dislocation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.125S	Posterior dislocation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.126	Posterior dislocation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.126A	Posterior dislocation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.126D	Posterior dislocation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.126S	Posterior dislocation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.13	Medial subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.131	Medial subluxation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.131A	Medial subluxation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.131D	Medial subluxation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.131S	Medial subluxation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.132	Medial subluxation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.132A	Medial subluxation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.132D	Medial subluxation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.132S	Medial subluxation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S53.133	Medial subluxation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.133A	Medial subluxation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.133D	Medial subluxation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.133S	Medial subluxation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.134	Medial dislocation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.134A	Medial dislocation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.134D	Medial dislocation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.134S	Medial dislocation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.135	Medial dislocation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.135A	Medial dislocation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.135D	Medial dislocation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.135S	Medial dislocation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.136	Medial dislocation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.136A	Medial dislocation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.136D	Medial dislocation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.136S	Medial dislocation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.14	Lateral subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.141	Lateral subluxation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.141A	Lateral subluxation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.141D	Lateral subluxation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.141S	Lateral subluxation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.142	Lateral subluxation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.142A	Lateral subluxation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.142D	Lateral subluxation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.142S	Lateral subluxation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.143	Lateral subluxation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.143A	Lateral subluxation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.143D	Lateral subluxation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.143S	Lateral subluxation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.144	Lateral dislocation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.144A	Lateral dislocation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.144D	Lateral dislocation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.144S	Lateral dislocation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.145	Lateral dislocation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.145A	Lateral dislocation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.145D	Lateral dislocation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.145S	Lateral dislocation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.146	Lateral dislocation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.146A	Lateral dislocation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.146D	Lateral dislocation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.146S	Lateral dislocation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.19	Other subluxation and dislocation of ulnohumeral joint	Diagnosis	ICD-10-CM
S53.191	Other subluxation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.191A	Other subluxation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.191D	Other subluxation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S53.191S	Other subluxation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.192	Other subluxation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.192A	Other subluxation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.192D	Other subluxation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.192S	Other subluxation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.193	Other subluxation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.193A	Other subluxation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.193D	Other subluxation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.193S	Other subluxation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.194	Other dislocation of right ulnohumeral joint	Diagnosis	ICD-10-CM
S53.194A	Other dislocation of right ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.194D	Other dislocation of right ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.194S	Other dislocation of right ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.195	Other dislocation of left ulnohumeral joint	Diagnosis	ICD-10-CM
S53.195A	Other dislocation of left ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.195D	Other dislocation of left ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.195S	Other dislocation of left ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.196	Other dislocation of unspecified ulnohumeral joint	Diagnosis	ICD-10-CM
S53.196A	Other dislocation of unspecified ulnohumeral joint, initial encounter	Diagnosis	ICD-10-CM
S53.196D	Other dislocation of unspecified ulnohumeral joint, subsequent encounter	Diagnosis	ICD-10-CM
S53.196S	Other dislocation of unspecified ulnohumeral joint, sequela	Diagnosis	ICD-10-CM
S53.2	Traumatic rupture of radial collateral ligament	Diagnosis	ICD-10-CM
S53.20	Traumatic rupture of unspecified radial collateral ligament	Diagnosis	ICD-10-CM
S53.20XA	Traumatic rupture of unspecified radial collateral ligament, initial encounter	Diagnosis	ICD-10-CM
S53.20XD	Traumatic rupture of unspecified radial collateral ligament, subsequent encounter	Diagnosis	ICD-10-CM
S53.20XS	Traumatic rupture of unspecified radial collateral ligament, sequela	Diagnosis	ICD-10-CM
S53.21	Traumatic rupture of right radial collateral ligament	Diagnosis	ICD-10-CM
S53.21XA	Traumatic rupture of right radial collateral ligament, initial encounter	Diagnosis	ICD-10-CM
S53.21XD	Traumatic rupture of right radial collateral ligament, subsequent encounter	Diagnosis	ICD-10-CM
S53.21XS	Traumatic rupture of right radial collateral ligament, sequela	Diagnosis	ICD-10-CM
S53.22	Traumatic rupture of left radial collateral ligament	Diagnosis	ICD-10-CM
S53.22XA	Traumatic rupture of left radial collateral ligament, initial encounter	Diagnosis	ICD-10-CM
S53.22XD	Traumatic rupture of left radial collateral ligament, subsequent encounter	Diagnosis	ICD-10-CM
S53.22XS	Traumatic rupture of left radial collateral ligament, sequela	Diagnosis	ICD-10-CM
S53.3	Traumatic rupture of ulnar collateral ligament	Diagnosis	ICD-10-CM
S53.30	Traumatic rupture of unspecified ulnar collateral ligament	Diagnosis	ICD-10-CM
S53.30XA	Traumatic rupture of unspecified ulnar collateral ligament, initial encounter	Diagnosis	ICD-10-CM
S53.30XD	Traumatic rupture of unspecified ulnar collateral ligament, subsequent encounter	Diagnosis	ICD-10-CM
S53.30XS	Traumatic rupture of unspecified ulnar collateral ligament, sequela	Diagnosis	ICD-10-CM
S53.31	Traumatic rupture of right ulnar collateral ligament	Diagnosis	ICD-10-CM
S53.31XA	Traumatic rupture of right ulnar collateral ligament, initial encounter	Diagnosis	ICD-10-CM
S53.31XD	Traumatic rupture of right ulnar collateral ligament, subsequent encounter	Diagnosis	ICD-10-CM
S53.31XS	Traumatic rupture of right ulnar collateral ligament, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S53.32	Traumatic rupture of left ulnar collateral ligament	Diagnosis	ICD-10-CM
S53.32XA	Traumatic rupture of left ulnar collateral ligament, initial encounter	Diagnosis	ICD-10-CM
S53.32XD	Traumatic rupture of left ulnar collateral ligament, subsequent encounter	Diagnosis	ICD-10-CM
S53.32XS	Traumatic rupture of left ulnar collateral ligament, sequela	Diagnosis	ICD-10-CM
S53.4	Sprain of elbow	Diagnosis	ICD-10-CM
S53.40	Unspecified sprain of elbow	Diagnosis	ICD-10-CM
S53.401	Unspecified sprain of right elbow	Diagnosis	ICD-10-CM
S53.401A	Unspecified sprain of right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.401D	Unspecified sprain of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.401S	Unspecified sprain of right elbow, sequela	Diagnosis	ICD-10-CM
S53.402	Unspecified sprain of left elbow	Diagnosis	ICD-10-CM
S53.402A	Unspecified sprain of left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.402D	Unspecified sprain of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.402S	Unspecified sprain of left elbow, sequela	Diagnosis	ICD-10-CM
S53.409	Unspecified sprain of unspecified elbow	Diagnosis	ICD-10-CM
S53.409A	Unspecified sprain of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.409D	Unspecified sprain of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.409S	Unspecified sprain of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S53.41	Radiohumeral (joint) sprain	Diagnosis	ICD-10-CM
S53.411	Radiohumeral (joint) sprain of right elbow	Diagnosis	ICD-10-CM
S53.411A	Radiohumeral (joint) sprain of right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.411D	Radiohumeral (joint) sprain of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.411S	Radiohumeral (joint) sprain of right elbow, sequela	Diagnosis	ICD-10-CM
S53.412	Radiohumeral (joint) sprain of left elbow	Diagnosis	ICD-10-CM
S53.412A	Radiohumeral (joint) sprain of left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.412D	Radiohumeral (joint) sprain of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.412S	Radiohumeral (joint) sprain of left elbow, sequela	Diagnosis	ICD-10-CM
S53.419	Radiohumeral (joint) sprain of unspecified elbow	Diagnosis	ICD-10-CM
S53.419A	Radiohumeral (joint) sprain of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.419D	Radiohumeral (joint) sprain of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.419S	Radiohumeral (joint) sprain of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S53.42	Ulnohumeral (joint) sprain	Diagnosis	ICD-10-CM
S53.421	Ulnohumeral (joint) sprain of right elbow	Diagnosis	ICD-10-CM
S53.421A	Ulnohumeral (joint) sprain of right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.421D	Ulnohumeral (joint) sprain of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.421S	Ulnohumeral (joint) sprain of right elbow, sequela	Diagnosis	ICD-10-CM
S53.422	Ulnohumeral (joint) sprain of left elbow	Diagnosis	ICD-10-CM
S53.422A	Ulnohumeral (joint) sprain of left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.422D	Ulnohumeral (joint) sprain of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.422S	Ulnohumeral (joint) sprain of left elbow, sequela	Diagnosis	ICD-10-CM
S53.429	Ulnohumeral (joint) sprain of unspecified elbow	Diagnosis	ICD-10-CM
S53.429A	Ulnohumeral (joint) sprain of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.429D	Ulnohumeral (joint) sprain of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.429S	Ulnohumeral (joint) sprain of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S53.43	Radial collateral ligament sprain	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S53.431	Radial collateral ligament sprain of right elbow	Diagnosis	ICD-10-CM
S53.431A	Radial collateral ligament sprain of right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.431D	Radial collateral ligament sprain of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.431S	Radial collateral ligament sprain of right elbow, sequela	Diagnosis	ICD-10-CM
S53.432	Radial collateral ligament sprain of left elbow	Diagnosis	ICD-10-CM
S53.432A	Radial collateral ligament sprain of left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.432D	Radial collateral ligament sprain of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.432S	Radial collateral ligament sprain of left elbow, sequela	Diagnosis	ICD-10-CM
S53.439	Radial collateral ligament sprain of unspecified elbow	Diagnosis	ICD-10-CM
S53.439A	Radial collateral ligament sprain of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.439D	Radial collateral ligament sprain of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.439S	Radial collateral ligament sprain of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S53.44	Ulnar collateral ligament sprain	Diagnosis	ICD-10-CM
S53.441	Ulnar collateral ligament sprain of right elbow	Diagnosis	ICD-10-CM
S53.441A	Ulnar collateral ligament sprain of right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.441D	Ulnar collateral ligament sprain of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.441S	Ulnar collateral ligament sprain of right elbow, sequela	Diagnosis	ICD-10-CM
S53.442	Ulnar collateral ligament sprain of left elbow	Diagnosis	ICD-10-CM
S53.442A	Ulnar collateral ligament sprain of left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.442D	Ulnar collateral ligament sprain of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.442S	Ulnar collateral ligament sprain of left elbow, sequela	Diagnosis	ICD-10-CM
S53.449	Ulnar collateral ligament sprain of unspecified elbow	Diagnosis	ICD-10-CM
S53.449A	Ulnar collateral ligament sprain of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.449D	Ulnar collateral ligament sprain of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.449S	Ulnar collateral ligament sprain of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S53.49	Other sprain of elbow	Diagnosis	ICD-10-CM
S53.491	Other sprain of right elbow	Diagnosis	ICD-10-CM
S53.491A	Other sprain of right elbow, initial encounter	Diagnosis	ICD-10-CM
S53.491D	Other sprain of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.491S	Other sprain of right elbow, sequela	Diagnosis	ICD-10-CM
S53.492	Other sprain of left elbow	Diagnosis	ICD-10-CM
S53.492A	Other sprain of left elbow, initial encounter	Diagnosis	ICD-10-CM
S53.492D	Other sprain of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.492S	Other sprain of left elbow, sequela	Diagnosis	ICD-10-CM
S53.499	Other sprain of unspecified elbow	Diagnosis	ICD-10-CM
S53.499A	Other sprain of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S53.499D	Other sprain of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S53.499S	Other sprain of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S54	Injury of nerves at forearm level	Diagnosis	ICD-10-CM
S54.0	Injury of ulnar nerve at forearm level	Diagnosis	ICD-10-CM
S54.00	Injury of ulnar nerve at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S54.00XA	Injury of ulnar nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.00XD	Injury of ulnar nerve at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.00XS	Injury of ulnar nerve at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S54.01	Injury of ulnar nerve at forearm level, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S54.01XA	Injury of ulnar nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.01XD	Injury of ulnar nerve at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.01XS	Injury of ulnar nerve at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S54.02	Injury of ulnar nerve at forearm level, left arm	Diagnosis	ICD-10-CM
S54.02XA	Injury of ulnar nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.02XD	Injury of ulnar nerve at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.02XS	Injury of ulnar nerve at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S54.1	Injury of median nerve at forearm level	Diagnosis	ICD-10-CM
S54.10	Injury of median nerve at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S54.10XA	Injury of median nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.10XD	Injury of median nerve at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.10XS	Injury of median nerve at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S54.11	Injury of median nerve at forearm level, right arm	Diagnosis	ICD-10-CM
S54.11XA	Injury of median nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.11XD	Injury of median nerve at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.11XS	Injury of median nerve at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S54.12	Injury of median nerve at forearm level, left arm	Diagnosis	ICD-10-CM
S54.12XA	Injury of median nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.12XD	Injury of median nerve at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.12XS	Injury of median nerve at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S54.2	Injury of radial nerve at forearm level	Diagnosis	ICD-10-CM
S54.20	Injury of radial nerve at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S54.20XA	Injury of radial nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.20XD	Injury of radial nerve at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.20XS	Injury of radial nerve at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S54.21	Injury of radial nerve at forearm level, right arm	Diagnosis	ICD-10-CM
S54.21XA	Injury of radial nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.21XD	Injury of radial nerve at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.21XS	Injury of radial nerve at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S54.22	Injury of radial nerve at forearm level, left arm	Diagnosis	ICD-10-CM
S54.22XA	Injury of radial nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.22XD	Injury of radial nerve at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.22XS	Injury of radial nerve at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S54.3	Injury of cutaneous sensory nerve at forearm level	Diagnosis	ICD-10-CM
S54.30	Injury of cutaneous sensory nerve at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S54.30XA	Injury of cutaneous sensory nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.30XD	Injury of cutaneous sensory nerve at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.30XS	Injury of cutaneous sensory nerve at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S54.31	Injury of cutaneous sensory nerve at forearm level, right arm	Diagnosis	ICD-10-CM
S54.31XA	Injury of cutaneous sensory nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.31XD	Injury of cutaneous sensory nerve at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.31XS	Injury of cutaneous sensory nerve at forearm level, right arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S54.32	Injury of cutaneous sensory nerve at forearm level, left arm	Diagnosis	ICD-10-CM
S54.32XA	Injury of cutaneous sensory nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.32XD	Injury of cutaneous sensory nerve at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.32XS	Injury of cutaneous sensory nerve at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S54.8	Injury of other nerves at forearm level	Diagnosis	ICD-10-CM
S54.8X	Injury of other nerves at forearm level	Diagnosis	ICD-10-CM
S54.8X1	Injury of other nerves at forearm level, right arm	Diagnosis	ICD-10-CM
S54.8X1A	Injury of other nerves at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.8X1D	Injury of other nerves at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.8X1S	Injury of other nerves at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S54.8X2	Injury of other nerves at forearm level, left arm	Diagnosis	ICD-10-CM
S54.8X2A	Injury of other nerves at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.8X2D	Injury of other nerves at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.8X2S	Injury of other nerves at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S54.8X9	Injury of other nerves at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S54.8X9A	Injury of other nerves at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.8X9D	Injury of other nerves at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.8X9S	Injury of other nerves at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S54.9	Injury of unspecified nerve at forearm level	Diagnosis	ICD-10-CM
S54.90	Injury of unspecified nerve at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S54.90XA	Injury of unspecified nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.90XD	Injury of unspecified nerve at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.90XS	Injury of unspecified nerve at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S54.91	Injury of unspecified nerve at forearm level, right arm	Diagnosis	ICD-10-CM
S54.91XA	Injury of unspecified nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.91XD	Injury of unspecified nerve at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.91XS	Injury of unspecified nerve at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S54.92	Injury of unspecified nerve at forearm level, left arm	Diagnosis	ICD-10-CM
S54.92XA	Injury of unspecified nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.92XD	Injury of unspecified nerve at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S54.92XS	Injury of unspecified nerve at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55	Injury of blood vessels at forearm level	Diagnosis	ICD-10-CM
S55.0	Injury of ulnar artery at forearm level	Diagnosis	ICD-10-CM
S55.00	Unspecified injury of ulnar artery at forearm level	Diagnosis	ICD-10-CM
S55.001	Unspecified injury of ulnar artery at forearm level, right arm	Diagnosis	ICD-10-CM
S55.001A	Unspecified injury of ulnar artery at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.001D	Unspecified injury of ulnar artery at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.001S	Unspecified injury of ulnar artery at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.002	Unspecified injury of ulnar artery at forearm level, left arm	Diagnosis	ICD-10-CM
S55.002A	Unspecified injury of ulnar artery at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.002D	Unspecified injury of ulnar artery at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S55.002S	Unspecified injury of ulnar artery at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.009	Unspecified injury of ulnar artery at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.009A	Unspecified injury of ulnar artery at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.009D	Unspecified injury of ulnar artery at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.009S	Unspecified injury of ulnar artery at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.01	Laceration of ulnar artery at forearm level	Diagnosis	ICD-10-CM
S55.011	Laceration of ulnar artery at forearm level, right arm	Diagnosis	ICD-10-CM
S55.011A	Laceration of ulnar artery at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.011D	Laceration of ulnar artery at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.011S	Laceration of ulnar artery at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.012	Laceration of ulnar artery at forearm level, left arm	Diagnosis	ICD-10-CM
S55.012A	Laceration of ulnar artery at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.012D	Laceration of ulnar artery at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.012S	Laceration of ulnar artery at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.019	Laceration of ulnar artery at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.019A	Laceration of ulnar artery at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.019D	Laceration of ulnar artery at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.019S	Laceration of ulnar artery at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.09	Other specified injury of ulnar artery at forearm level	Diagnosis	ICD-10-CM
S55.091	Other specified injury of ulnar artery at forearm level, right arm	Diagnosis	ICD-10-CM
S55.091A	Other specified injury of ulnar artery at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.091D	Other specified injury of ulnar artery at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.091S	Other specified injury of ulnar artery at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.092	Other specified injury of ulnar artery at forearm level, left arm	Diagnosis	ICD-10-CM
S55.092A	Other specified injury of ulnar artery at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.092D	Other specified injury of ulnar artery at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.092S	Other specified injury of ulnar artery at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.099	Other specified injury of ulnar artery at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.099A	Other specified injury of ulnar artery at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.099D	Other specified injury of ulnar artery at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.099S	Other specified injury of ulnar artery at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.1	Injury of radial artery at forearm level	Diagnosis	ICD-10-CM
S55.10	Unspecified injury of radial artery at forearm level	Diagnosis	ICD-10-CM
S55.101	Unspecified injury of radial artery at forearm level, right arm	Diagnosis	ICD-10-CM
S55.101A	Unspecified injury of radial artery at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.101D	Unspecified injury of radial artery at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S55.101S	Unspecified injury of radial artery at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.102	Unspecified injury of radial artery at forearm level, left arm	Diagnosis	ICD-10-CM
S55.102A	Unspecified injury of radial artery at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.102D	Unspecified injury of radial artery at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.102S	Unspecified injury of radial artery at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.109	Unspecified injury of radial artery at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.109A	Unspecified injury of radial artery at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.109D	Unspecified injury of radial artery at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.109S	Unspecified injury of radial artery at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.11	Laceration of radial artery at forearm level	Diagnosis	ICD-10-CM
S55.111	Laceration of radial artery at forearm level, right arm	Diagnosis	ICD-10-CM
S55.111A	Laceration of radial artery at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.111D	Laceration of radial artery at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.111S	Laceration of radial artery at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.112	Laceration of radial artery at forearm level, left arm	Diagnosis	ICD-10-CM
S55.112A	Laceration of radial artery at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.112D	Laceration of radial artery at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.112S	Laceration of radial artery at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.119	Laceration of radial artery at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.119A	Laceration of radial artery at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.119D	Laceration of radial artery at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.119S	Laceration of radial artery at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.19	Other specified injury of radial artery at forearm level	Diagnosis	ICD-10-CM
S55.191	Other specified injury of radial artery at forearm level, right arm	Diagnosis	ICD-10-CM
S55.191A	Other specified injury of radial artery at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.191D	Other specified injury of radial artery at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.191S	Other specified injury of radial artery at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.192	Other specified injury of radial artery at forearm level, left arm	Diagnosis	ICD-10-CM
S55.192A	Other specified injury of radial artery at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.192D	Other specified injury of radial artery at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.192S	Other specified injury of radial artery at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.199	Other specified injury of radial artery at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.199A	Other specified injury of radial artery at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.199D	Other specified injury of radial artery at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.199S	Other specified injury of radial artery at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.2	Injury of vein at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S55.20	Unspecified injury of vein at forearm level	Diagnosis	ICD-10-CM
S55.201	Unspecified injury of vein at forearm level, right arm	Diagnosis	ICD-10-CM
S55.201A	Unspecified injury of vein at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.201D	Unspecified injury of vein at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.201S	Unspecified injury of vein at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.202	Unspecified injury of vein at forearm level, left arm	Diagnosis	ICD-10-CM
S55.202A	Unspecified injury of vein at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.202D	Unspecified injury of vein at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.202S	Unspecified injury of vein at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.209	Unspecified injury of vein at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.209A	Unspecified injury of vein at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.209D	Unspecified injury of vein at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.209S	Unspecified injury of vein at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.21	Laceration of vein at forearm level	Diagnosis	ICD-10-CM
S55.211	Laceration of vein at forearm level, right arm	Diagnosis	ICD-10-CM
S55.211A	Laceration of vein at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.211D	Laceration of vein at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.211S	Laceration of vein at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.212	Laceration of vein at forearm level, left arm	Diagnosis	ICD-10-CM
S55.212A	Laceration of vein at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.212D	Laceration of vein at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.212S	Laceration of vein at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.219	Laceration of vein at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.219A	Laceration of vein at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.219D	Laceration of vein at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.219S	Laceration of vein at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.29	Other specified injury of vein at forearm level	Diagnosis	ICD-10-CM
S55.291	Other specified injury of vein at forearm level, right arm	Diagnosis	ICD-10-CM
S55.291A	Other specified injury of vein at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.291D	Other specified injury of vein at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.291S	Other specified injury of vein at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.292	Other specified injury of vein at forearm level, left arm	Diagnosis	ICD-10-CM
S55.292A	Other specified injury of vein at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.292D	Other specified injury of vein at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.292S	Other specified injury of vein at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.299	Other specified injury of vein at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.299A	Other specified injury of vein at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.299D	Other specified injury of vein at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.299S	Other specified injury of vein at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.8	Injury of other blood vessels at forearm level	Diagnosis	ICD-10-CM
S55.80	Unspecified injury of other blood vessels at forearm level	Diagnosis	ICD-10-CM
S55.801	Unspecified injury of other blood vessels at forearm level, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S55.801A	Unspecified injury of other blood vessels at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.801D	Unspecified injury of other blood vessels at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.801S	Unspecified injury of other blood vessels at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.802	Unspecified injury of other blood vessels at forearm level, left arm	Diagnosis	ICD-10-CM
S55.802A	Unspecified injury of other blood vessels at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.802D	Unspecified injury of other blood vessels at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.802S	Unspecified injury of other blood vessels at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.809	Unspecified injury of other blood vessels at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.809A	Unspecified injury of other blood vessels at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.809D	Unspecified injury of other blood vessels at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.809S	Unspecified injury of other blood vessels at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.81	Laceration of other blood vessels at forearm level	Diagnosis	ICD-10-CM
S55.811	Laceration of other blood vessels at forearm level, right arm	Diagnosis	ICD-10-CM
S55.811A	Laceration of other blood vessels at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.811D	Laceration of other blood vessels at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.811S	Laceration of other blood vessels at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.812	Laceration of other blood vessels at forearm level, left arm	Diagnosis	ICD-10-CM
S55.812A	Laceration of other blood vessels at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.812D	Laceration of other blood vessels at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.812S	Laceration of other blood vessels at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.819	Laceration of other blood vessels at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.819A	Laceration of other blood vessels at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.819D	Laceration of other blood vessels at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.819S	Laceration of other blood vessels at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.89	Other specified injury of other blood vessels at forearm level	Diagnosis	ICD-10-CM
S55.891	Other specified injury of other blood vessels at forearm level, right arm	Diagnosis	ICD-10-CM
S55.891A	Other specified injury of other blood vessels at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.891D	Other specified injury of other blood vessels at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.891S	Other specified injury of other blood vessels at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.892	Other specified injury of other blood vessels at forearm level, left arm	Diagnosis	ICD-10-CM
S55.892A	Other specified injury of other blood vessels at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S55.892D	Other specified injury of other blood vessels at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.892S	Other specified injury of other blood vessels at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.899	Other specified injury of other blood vessels at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.899A	Other specified injury of other blood vessels at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.899D	Other specified injury of other blood vessels at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.899S	Other specified injury of other blood vessels at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.9	Injury of unspecified blood vessel at forearm level	Diagnosis	ICD-10-CM
S55.90	Unspecified injury of unspecified blood vessel at forearm level	Diagnosis	ICD-10-CM
S55.901	Unspecified injury of unspecified blood vessel at forearm level, right arm	Diagnosis	ICD-10-CM
S55.901A	Unspecified injury of unspecified blood vessel at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.901D	Unspecified injury of unspecified blood vessel at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.901S	Unspecified injury of unspecified blood vessel at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.902	Unspecified injury of unspecified blood vessel at forearm level, left arm	Diagnosis	ICD-10-CM
S55.902A	Unspecified injury of unspecified blood vessel at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.902D	Unspecified injury of unspecified blood vessel at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.902S	Unspecified injury of unspecified blood vessel at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.909	Unspecified injury of unspecified blood vessel at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.909A	Unspecified injury of unspecified blood vessel at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.909D	Unspecified injury of unspecified blood vessel at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.909S	Unspecified injury of unspecified blood vessel at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.91	Laceration of unspecified blood vessel at forearm level	Diagnosis	ICD-10-CM
S55.911	Laceration of unspecified blood vessel at forearm level, right arm	Diagnosis	ICD-10-CM
S55.911A	Laceration of unspecified blood vessel at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.911D	Laceration of unspecified blood vessel at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.911S	Laceration of unspecified blood vessel at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.912	Laceration of unspecified blood vessel at forearm level, left arm	Diagnosis	ICD-10-CM
S55.912A	Laceration of unspecified blood vessel at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.912D	Laceration of unspecified blood vessel at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.912S	Laceration of unspecified blood vessel at forearm level, left arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S55.919	Laceration of unspecified blood vessel at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.919A	Laceration of unspecified blood vessel at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.919D	Laceration of unspecified blood vessel at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.919S	Laceration of unspecified blood vessel at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S55.99	Other specified injury of unspecified blood vessel at forearm level	Diagnosis	ICD-10-CM
S55.991	Other specified injury of unspecified blood vessel at forearm level, right arm	Diagnosis	ICD-10-CM
S55.991A	Other specified injury of unspecified blood vessel at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S55.991D	Other specified injury of unspecified blood vessel at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.991S	Other specified injury of unspecified blood vessel at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S55.992	Other specified injury of unspecified blood vessel at forearm level, left arm	Diagnosis	ICD-10-CM
S55.992A	Other specified injury of unspecified blood vessel at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S55.992D	Other specified injury of unspecified blood vessel at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.992S	Other specified injury of unspecified blood vessel at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S55.999	Other specified injury of unspecified blood vessel at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S55.999A	Other specified injury of unspecified blood vessel at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S55.999D	Other specified injury of unspecified blood vessel at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S55.999S	Other specified injury of unspecified blood vessel at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56	Injury of muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.0	Injury of flexor muscle, fascia and tendon of thumb at forearm level	Diagnosis	ICD-10-CM
S56.00	Unspecified injury of flexor muscle, fascia and tendon of thumb at forearm level	Diagnosis	ICD-10-CM
S56.001	Unspecified injury of flexor muscle, fascia and tendon of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.001A	Unspecified injury of flexor muscle, fascia and tendon of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.001D	Unspecified injury of flexor muscle, fascia and tendon of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.001S	Unspecified injury of flexor muscle, fascia and tendon of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.002	Unspecified injury of flexor muscle, fascia and tendon of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.002A	Unspecified injury of flexor muscle, fascia and tendon of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.002D	Unspecified injury of flexor muscle, fascia and tendon of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.002S	Unspecified injury of flexor muscle, fascia and tendon of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.009	Unspecified injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.009A	Unspecified injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.009D	Unspecified injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.009S	Unspecified injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.01	Strain of flexor muscle, fascia and tendon of thumb at forearm level	Diagnosis	ICD-10-CM
S56.011	Strain of flexor muscle, fascia and tendon of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.011A	Strain of flexor muscle, fascia and tendon of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.011D	Strain of flexor muscle, fascia and tendon of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.011S	Strain of flexor muscle, fascia and tendon of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.012	Strain of flexor muscle, fascia and tendon of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.012A	Strain of flexor muscle, fascia and tendon of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.012D	Strain of flexor muscle, fascia and tendon of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.012S	Strain of flexor muscle, fascia and tendon of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.019	Strain of flexor muscle, fascia and tendon of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.019A	Strain of flexor muscle, fascia and tendon of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.019D	Strain of flexor muscle, fascia and tendon of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.019S	Strain of flexor muscle, fascia and tendon of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.02	Laceration of flexor muscle, fascia and tendon of thumb at forearm level	Diagnosis	ICD-10-CM
S56.021	Laceration of flexor muscle, fascia and tendon of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.021A	Laceration of flexor muscle, fascia and tendon of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.021D	Laceration of flexor muscle, fascia and tendon of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.021S	Laceration of flexor muscle, fascia and tendon of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.022	Laceration of flexor muscle, fascia and tendon of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.022A	Laceration of flexor muscle, fascia and tendon of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.022D	Laceration of flexor muscle, fascia and tendon of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.022S	Laceration of flexor muscle, fascia and tendon of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.029	Laceration of flexor muscle, fascia and tendon of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.029A	Laceration of flexor muscle, fascia and tendon of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.029D	Laceration of flexor muscle, fascia and tendon of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.029S	Laceration of flexor muscle, fascia and tendon of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.09	Other injury of flexor muscle, fascia and tendon of thumb at forearm level	Diagnosis	ICD-10-CM
S56.091	Other injury of flexor muscle, fascia and tendon of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.091A	Other injury of flexor muscle, fascia and tendon of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.091D	Other injury of flexor muscle, fascia and tendon of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.091S	Other injury of flexor muscle, fascia and tendon of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.092	Other injury of flexor muscle, fascia and tendon of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.092A	Other injury of flexor muscle, fascia and tendon of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.092D	Other injury of flexor muscle, fascia and tendon of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.092S	Other injury of flexor muscle, fascia and tendon of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.099	Other injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.099A	Other injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.099D	Other injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.099S	Other injury of flexor muscle, fascia and tendon of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.1	Injury of flexor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.10	Unspecified injury of flexor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.101	Unspecified injury of flexor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.101A	Unspecified injury of flexor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.101D	Unspecified injury of flexor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.101S	Unspecified injury of flexor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.102	Unspecified injury of flexor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.102A	Unspecified injury of flexor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.102D	Unspecified injury of flexor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.102S	Unspecified injury of flexor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.103	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.103A	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.103D	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.103S	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.104	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.104A	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.104D	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.104S	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.105	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.105A	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.105D	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.105S	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.106	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.106A	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.106D	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.106S	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.107	Unspecified injury of flexor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.107A	Unspecified injury of flexor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.107D	Unspecified injury of flexor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.107S	Unspecified injury of flexor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.108	Unspecified injury of flexor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.108A	Unspecified injury of flexor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.108D	Unspecified injury of flexor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.108S	Unspecified injury of flexor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.109	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.109A	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.109D	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.109S	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.11	Strain of flexor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.111	Strain of flexor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.111A	Strain of flexor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.111D	Strain of flexor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.111S	Strain of flexor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.112	Strain of flexor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.112A	Strain of flexor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.112D	Strain of flexor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.112S	Strain of flexor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.113	Strain of flexor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.113A	Strain of flexor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.113D	Strain of flexor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.113S	Strain of flexor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.114	Strain of flexor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.114A	Strain of flexor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.114D	Strain of flexor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.114S	Strain of flexor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.115	Strain of flexor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.115A	Strain of flexor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.115D	Strain of flexor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.115S	Strain of flexor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.116	Strain of flexor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.116A	Strain of flexor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.116D	Strain of flexor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.116S	Strain of flexor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.117	Strain of flexor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.117A	Strain of flexor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.117D	Strain of flexor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.117S	Strain of flexor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.118	Strain of flexor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.118A	Strain of flexor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.118D	Strain of flexor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.118S	Strain of flexor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.119	Strain of flexor muscle, fascia and tendon of finger of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.119A	Strain of flexor muscle, fascia and tendon of finger of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.119D	Strain of flexor muscle, fascia and tendon of finger of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.119S	Strain of flexor muscle, fascia and tendon of finger of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.12	Laceration of flexor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S56.121	Laceration of flexor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.121A	Laceration of flexor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.121D	Laceration of flexor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.121S	Laceration of flexor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.122	Laceration of flexor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.122A	Laceration of flexor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.122D	Laceration of flexor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.122S	Laceration of flexor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.123	Laceration of flexor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.123A	Laceration of flexor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.123D	Laceration of flexor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.123S	Laceration of flexor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.124	Laceration of flexor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.124A	Laceration of flexor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.124D	Laceration of flexor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.124S	Laceration of flexor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.125	Laceration of flexor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.125A	Laceration of flexor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.125D	Laceration of flexor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.125S	Laceration of flexor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.126	Laceration of flexor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.126A	Laceration of flexor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.126D	Laceration of flexor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.126S	Laceration of flexor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.127	Laceration of flexor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.127A	Laceration of flexor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.127D	Laceration of flexor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.127S	Laceration of flexor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.128	Laceration of flexor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.128A	Laceration of flexor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.128D	Laceration of flexor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.128S	Laceration of flexor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.129	Laceration of flexor muscle, fascia and tendon of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.129A	Laceration of flexor muscle, fascia and tendon of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.129D	Laceration of flexor muscle, fascia and tendon of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.129S	Laceration of flexor muscle, fascia and tendon of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.19	Other injury of flexor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.191	Other injury of flexor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.191A	Other injury of flexor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.191D	Other injury of flexor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.191S	Other injury of flexor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.192	Other injury of flexor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.192A	Other injury of flexor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.192D	Other injury of flexor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.192S	Other injury of flexor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.193	Other injury of flexor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.193A	Other injury of flexor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.193D	Other injury of flexor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.193S	Other injury of flexor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.194	Other injury of flexor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.194A	Other injury of flexor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.194D	Other injury of flexor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.194S	Other injury of flexor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.195	Other injury of flexor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.195A	Other injury of flexor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.195D	Other injury of flexor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.195S	Other injury of flexor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.196	Other injury of flexor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.196A	Other injury of flexor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.196D	Other injury of flexor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.196S	Other injury of flexor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.197	Other injury of flexor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.197A	Other injury of flexor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.197D	Other injury of flexor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.197S	Other injury of flexor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.198	Other injury of flexor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.198A	Other injury of flexor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.198D	Other injury of flexor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.198S	Other injury of flexor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.199	Other injury of flexor muscle, fascia and tendon of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.199A	Other injury of flexor muscle, fascia and tendon of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.199D	Other injury of flexor muscle, fascia and tendon of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.199S	Other injury of flexor muscle, fascia and tendon of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.2	Injury of other flexor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.20	Unspecified injury of other flexor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.201	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.201A	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.201D	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.201S	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.202	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM
S56.202A	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.202D	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.202S	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.209	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.209A	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.209D	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.209S	Unspecified injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.21	Strain of other flexor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.211	Strain of other flexor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.211A	Strain of other flexor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.211D	Strain of other flexor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.211S	Strain of other flexor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.212	Strain of other flexor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.212A	Strain of other flexor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.212D	Strain of other flexor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.212S	Strain of other flexor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.219	Strain of other flexor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.219A	Strain of other flexor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.219D	Strain of other flexor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.219S	Strain of other flexor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.22	Laceration of other flexor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.221	Laceration of other flexor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.221A	Laceration of other flexor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.221D	Laceration of other flexor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.221S	Laceration of other flexor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.222	Laceration of other flexor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM
S56.222A	Laceration of other flexor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.222D	Laceration of other flexor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.222S	Laceration of other flexor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.229	Laceration of other flexor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.229A	Laceration of other flexor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.229D	Laceration of other flexor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.229S	Laceration of other flexor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.29	Other injury of other flexor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.291	Other injury of other flexor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.291A	Other injury of other flexor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.291D	Other injury of other flexor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.291S	Other injury of other flexor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.292	Other injury of other flexor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.292A	Other injury of other flexor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.292D	Other injury of other flexor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.292S	Other injury of other flexor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.299	Other injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.299A	Other injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.299D	Other injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.299S	Other injury of other flexor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.3	Injury of extensor or abductor muscles, fascia and tendons of thumb at forearm level	Diagnosis	ICD-10-CM
S56.30	Unspecified injury of extensor or abductor muscles, fascia and tendons of thumb at forearm level	Diagnosis	ICD-10-CM
S56.301	Unspecified injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.301A	Unspecified injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.301D	Unspecified injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.301S	Unspecified injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.302	Unspecified injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.302A	Unspecified injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.302D	Unspecified injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.302S	Unspecified injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.309	Unspecified injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.309A	Unspecified injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.309D	Unspecified injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.309S	Unspecified injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.31	Strain of extensor or abductor muscles, fascia and tendons of thumb at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.311	Strain of extensor or abductor muscles, fascia and tendons of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.311A	Strain of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.311D	Strain of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.311S	Strain of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.312	Strain of extensor or abductor muscles, fascia and tendons of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.312A	Strain of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.312D	Strain of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.312S	Strain of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.319	Strain of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.319A	Strain of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.319D	Strain of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.319S	Strain of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.32	Laceration of extensor or abductor muscles, fascia and tendons of thumb at forearm level	Diagnosis	ICD-10-CM
S56.321	Laceration of extensor or abductor muscles, fascia and tendons of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.321A	Laceration of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.321D	Laceration of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.321S	Laceration of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.322	Laceration of extensor or abductor muscles, fascia and tendons of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.322A	Laceration of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.322D	Laceration of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.322S	Laceration of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.329	Laceration of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.329A	Laceration of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.329D	Laceration of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.329S	Laceration of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.39	Other injury of extensor or abductor muscles, fascia and tendons of thumb at forearm level	Diagnosis	ICD-10-CM
S56.391	Other injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level	Diagnosis	ICD-10-CM
S56.391A	Other injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.391D	Other injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.391S	Other injury of extensor or abductor muscles, fascia and tendons of right thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.392	Other injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level	Diagnosis	ICD-10-CM
S56.392A	Other injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.392D	Other injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.392S	Other injury of extensor or abductor muscles, fascia and tendons of left thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.399	Other injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level	Diagnosis	ICD-10-CM
S56.399A	Other injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.399D	Other injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.399S	Other injury of extensor or abductor muscles, fascia and tendons of unspecified thumb at forearm level, sequela	Diagnosis	ICD-10-CM
S56.4	Injury of extensor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.40	Unspecified injury of extensor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.401	Unspecified injury of extensor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.401A	Unspecified injury of extensor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.401D	Unspecified injury of extensor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.401S	Unspecified injury of extensor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S56.402	Unspecified injury of extensor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.402A	Unspecified injury of extensor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.402D	Unspecified injury of extensor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.402S	Unspecified injury of extensor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.403	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.403A	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.403D	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.403S	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.404	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.404A	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.404D	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.404S	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.405	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.405A	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.405D	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.405S	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.406	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.406A	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.406D	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.406S	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.407	Unspecified injury of extensor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.407A	Unspecified injury of extensor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.407D	Unspecified injury of extensor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.407S	Unspecified injury of extensor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.408	Unspecified injury of extensor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.408A	Unspecified injury of extensor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.408D	Unspecified injury of extensor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.408S	Unspecified injury of extensor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.409	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.409A	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.409D	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.409S	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.41	Strain of extensor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.411	Strain of extensor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.411A	Strain of extensor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.411D	Strain of extensor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.411S	Strain of extensor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.412	Strain of extensor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.412A	Strain of extensor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.412D	Strain of extensor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.412S	Strain of extensor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.413	Strain of extensor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.413A	Strain of extensor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.413D	Strain of extensor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.413S	Strain of extensor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.414	Strain of extensor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.414A	Strain of extensor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.414D	Strain of extensor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.414S	Strain of extensor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.415	Strain of extensor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.415A	Strain of extensor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.415D	Strain of extensor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.415S	Strain of extensor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.416	Strain of extensor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.416A	Strain of extensor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.416D	Strain of extensor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.416S	Strain of extensor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.417	Strain of extensor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.417A	Strain of extensor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.417D	Strain of extensor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.417S	Strain of extensor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.418	Strain of extensor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.418A	Strain of extensor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.418D	Strain of extensor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.418S	Strain of extensor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.419	Strain of extensor muscle, fascia and tendon of finger, unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.419A	Strain of extensor muscle, fascia and tendon of finger, unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.419D	Strain of extensor muscle, fascia and tendon of finger, unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.419S	Strain of extensor muscle, fascia and tendon of finger, unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.42	Laceration of extensor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.421	Laceration of extensor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.421A	Laceration of extensor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.421D	Laceration of extensor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.421S	Laceration of extensor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.422	Laceration of extensor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.422A	Laceration of extensor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.422D	Laceration of extensor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.422S	Laceration of extensor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.423	Laceration of extensor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.423A	Laceration of extensor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.423D	Laceration of extensor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.423S	Laceration of extensor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.424	Laceration of extensor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.424A	Laceration of extensor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.424D	Laceration of extensor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.424S	Laceration of extensor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.425	Laceration of extensor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.425A	Laceration of extensor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.425D	Laceration of extensor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.425S	Laceration of extensor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.426	Laceration of extensor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.426A	Laceration of extensor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.426D	Laceration of extensor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.426S	Laceration of extensor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.427	Laceration of extensor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.427A	Laceration of extensor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.427D	Laceration of extensor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.427S	Laceration of extensor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.428	Laceration of extensor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM
S56.428A	Laceration of extensor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.428D	Laceration of extensor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.428S	Laceration of extensor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.429	Laceration of extensor muscle, fascia and tendon of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.429A	Laceration of extensor muscle, fascia and tendon of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.429D	Laceration of extensor muscle, fascia and tendon of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.429S	Laceration of extensor muscle, fascia and tendon of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.49	Other injury of extensor muscle, fascia and tendon of other and unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.491	Other injury of extensor muscle, fascia and tendon of right index finger at forearm level	Diagnosis	ICD-10-CM
S56.491A	Other injury of extensor muscle, fascia and tendon of right index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.491D	Other injury of extensor muscle, fascia and tendon of right index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.491S	Other injury of extensor muscle, fascia and tendon of right index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.492	Other injury of extensor muscle, fascia and tendon of left index finger at forearm level	Diagnosis	ICD-10-CM
S56.492A	Other injury of extensor muscle, fascia and tendon of left index finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.492D	Other injury of extensor muscle, fascia and tendon of left index finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.492S	Other injury of extensor muscle, fascia and tendon of left index finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.493	Other injury of extensor muscle, fascia and tendon of right middle finger at forearm level	Diagnosis	ICD-10-CM
S56.493A	Other injury of extensor muscle, fascia and tendon of right middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.493D	Other injury of extensor muscle, fascia and tendon of right middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.493S	Other injury of extensor muscle, fascia and tendon of right middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.494	Other injury of extensor muscle, fascia and tendon of left middle finger at forearm level	Diagnosis	ICD-10-CM
S56.494A	Other injury of extensor muscle, fascia and tendon of left middle finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.494D	Other injury of extensor muscle, fascia and tendon of left middle finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.494S	Other injury of extensor muscle, fascia and tendon of left middle finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.495	Other injury of extensor muscle, fascia and tendon of right ring finger at forearm level	Diagnosis	ICD-10-CM
S56.495A	Other injury of extensor muscle, fascia and tendon of right ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.495D	Other injury of extensor muscle, fascia and tendon of right ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.495S	Other injury of extensor muscle, fascia and tendon of right ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.496	Other injury of extensor muscle, fascia and tendon of left ring finger at forearm level	Diagnosis	ICD-10-CM
S56.496A	Other injury of extensor muscle, fascia and tendon of left ring finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.496D	Other injury of extensor muscle, fascia and tendon of left ring finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.496S	Other injury of extensor muscle, fascia and tendon of left ring finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.497	Other injury of extensor muscle, fascia and tendon of right little finger at forearm level	Diagnosis	ICD-10-CM
S56.497A	Other injury of extensor muscle, fascia and tendon of right little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.497D	Other injury of extensor muscle, fascia and tendon of right little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.497S	Other injury of extensor muscle, fascia and tendon of right little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.498	Other injury of extensor muscle, fascia and tendon of left little finger at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.498A	Other injury of extensor muscle, fascia and tendon of left little finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.498D	Other injury of extensor muscle, fascia and tendon of left little finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.498S	Other injury of extensor muscle, fascia and tendon of left little finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.499	Other injury of extensor muscle, fascia and tendon of unspecified finger at forearm level	Diagnosis	ICD-10-CM
S56.499A	Other injury of extensor muscle, fascia and tendon of unspecified finger at forearm level, initial encounter	Diagnosis	ICD-10-CM
S56.499D	Other injury of extensor muscle, fascia and tendon of unspecified finger at forearm level, subsequent encounter	Diagnosis	ICD-10-CM
S56.499S	Other injury of extensor muscle, fascia and tendon of unspecified finger at forearm level, sequela	Diagnosis	ICD-10-CM
S56.5	Injury of other extensor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.50	Unspecified injury of other extensor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.501	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.501A	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.501D	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.501S	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.502	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM
S56.502A	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.502D	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.502S	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.509	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.509A	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.509D	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.509S	Unspecified injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.51	Strain of other extensor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.511	Strain of other extensor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.511A	Strain of other extensor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.511D	Strain of other extensor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.511S	Strain of other extensor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.512	Strain of other extensor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM
S56.512A	Strain of other extensor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.512D	Strain of other extensor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.512S	Strain of other extensor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.519	Strain of other extensor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.519A	Strain of other extensor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.519D	Strain of other extensor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.519S	Strain of other extensor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.52	Laceration of other extensor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM
S56.521	Laceration of other extensor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.521A	Laceration of other extensor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.521D	Laceration of other extensor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.521S	Laceration of other extensor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.522	Laceration of other extensor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM
S56.522A	Laceration of other extensor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.522D	Laceration of other extensor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.522S	Laceration of other extensor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.529	Laceration of other extensor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.529A	Laceration of other extensor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.529D	Laceration of other extensor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.529S	Laceration of other extensor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.59	Other injury of other extensor muscle, fascia and tendon at forearm level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.591	Other injury of other extensor muscle, fascia and tendon at forearm level, right arm	Diagnosis	ICD-10-CM
S56.591A	Other injury of other extensor muscle, fascia and tendon at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.591D	Other injury of other extensor muscle, fascia and tendon at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.591S	Other injury of other extensor muscle, fascia and tendon at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.592	Other injury of other extensor muscle, fascia and tendon at forearm level, left arm	Diagnosis	ICD-10-CM
S56.592A	Other injury of other extensor muscle, fascia and tendon at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.592D	Other injury of other extensor muscle, fascia and tendon at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.592S	Other injury of other extensor muscle, fascia and tendon at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.599	Other injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.599A	Other injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.599D	Other injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.599S	Other injury of other extensor muscle, fascia and tendon at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.8	Injury of other muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.80	Unspecified injury of other muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.801	Unspecified injury of other muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.801A	Unspecified injury of other muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.801D	Unspecified injury of other muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.801S	Unspecified injury of other muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.802	Unspecified injury of other muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.802A	Unspecified injury of other muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.802D	Unspecified injury of other muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.802S	Unspecified injury of other muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.809	Unspecified injury of other muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.809A	Unspecified injury of other muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S56.809D	Unspecified injury of other muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.809S	Unspecified injury of other muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.81	Strain of other muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.811	Strain of other muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.811A	Strain of other muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.811D	Strain of other muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.811S	Strain of other muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.812	Strain of other muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.812A	Strain of other muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.812D	Strain of other muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.812S	Strain of other muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.819	Strain of other muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.819A	Strain of other muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.819D	Strain of other muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.819S	Strain of other muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.82	Laceration of other muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.821	Laceration of other muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.821A	Laceration of other muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.821D	Laceration of other muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.821S	Laceration of other muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.822	Laceration of other muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.822A	Laceration of other muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.822D	Laceration of other muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.822S	Laceration of other muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.829	Laceration of other muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.829A	Laceration of other muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.829D	Laceration of other muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S56.829S	Laceration of other muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.89	Other injury of other muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.891	Other injury of other muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.891A	Other injury of other muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.891D	Other injury of other muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.891S	Other injury of other muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.892	Other injury of other muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.892A	Other injury of other muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.892D	Other injury of other muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.892S	Other injury of other muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.899	Other injury of other muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.899A	Other injury of other muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.899D	Other injury of other muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.899S	Other injury of other muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.9	Injury of unspecified muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.90	Unspecified injury of unspecified muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.901	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.901A	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.901D	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.901S	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.902	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.902A	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.902D	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.902S	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.909	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S56.909A	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.909D	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.909S	Unspecified injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.91	Strain of unspecified muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.911	Strain of unspecified muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.911A	Strain of unspecified muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.911D	Strain of unspecified muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.911S	Strain of unspecified muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.912	Strain of unspecified muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.912A	Strain of unspecified muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.912D	Strain of unspecified muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.912S	Strain of unspecified muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.919	Strain of unspecified muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.919A	Strain of unspecified muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.919D	Strain of unspecified muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.919S	Strain of unspecified muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.92	Laceration of unspecified muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.921	Laceration of unspecified muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.921A	Laceration of unspecified muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.921D	Laceration of unspecified muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.921S	Laceration of unspecified muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.922	Laceration of unspecified muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.922A	Laceration of unspecified muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.922D	Laceration of unspecified muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.922S	Laceration of unspecified muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S56.929	Laceration of unspecified muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.929A	Laceration of unspecified muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.929D	Laceration of unspecified muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.929S	Laceration of unspecified muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S56.99	Other injury of unspecified muscles, fascia and tendons at forearm level	Diagnosis	ICD-10-CM
S56.991	Other injury of unspecified muscles, fascia and tendons at forearm level, right arm	Diagnosis	ICD-10-CM
S56.991A	Other injury of unspecified muscles, fascia and tendons at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S56.991D	Other injury of unspecified muscles, fascia and tendons at forearm level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.991S	Other injury of unspecified muscles, fascia and tendons at forearm level, right arm, sequela	Diagnosis	ICD-10-CM
S56.992	Other injury of unspecified muscles, fascia and tendons at forearm level, left arm	Diagnosis	ICD-10-CM
S56.992A	Other injury of unspecified muscles, fascia and tendons at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S56.992D	Other injury of unspecified muscles, fascia and tendons at forearm level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.992S	Other injury of unspecified muscles, fascia and tendons at forearm level, left arm, sequela	Diagnosis	ICD-10-CM
S56.999	Other injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm	Diagnosis	ICD-10-CM
S56.999A	Other injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S56.999D	Other injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S56.999S	Other injury of unspecified muscles, fascia and tendons at forearm level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S57	Crushing injury of elbow and forearm	Diagnosis	ICD-10-CM
S57.0	Crushing injury of elbow	Diagnosis	ICD-10-CM
S57.00	Crushing injury of unspecified elbow	Diagnosis	ICD-10-CM
S57.00XA	Crushing injury of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S57.00XD	Crushing injury of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S57.00XS	Crushing injury of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S57.01	Crushing injury of right elbow	Diagnosis	ICD-10-CM
S57.01XA	Crushing injury of right elbow, initial encounter	Diagnosis	ICD-10-CM
S57.01XD	Crushing injury of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S57.01XS	Crushing injury of right elbow, sequela	Diagnosis	ICD-10-CM
S57.02	Crushing injury of left elbow	Diagnosis	ICD-10-CM
S57.02XA	Crushing injury of left elbow, initial encounter	Diagnosis	ICD-10-CM
S57.02XD	Crushing injury of left elbow, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S57.02XS	Crushing injury of left elbow, sequela	Diagnosis	ICD-10-CM
S57.8	Crushing injury of forearm	Diagnosis	ICD-10-CM
S57.80	Crushing injury of unspecified forearm	Diagnosis	ICD-10-CM
S57.80XA	Crushing injury of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S57.80XD	Crushing injury of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S57.80XS	Crushing injury of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S57.81	Crushing injury of right forearm	Diagnosis	ICD-10-CM
S57.81XA	Crushing injury of right forearm, initial encounter	Diagnosis	ICD-10-CM
S57.81XD	Crushing injury of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S57.81XS	Crushing injury of right forearm, sequela	Diagnosis	ICD-10-CM
S57.82	Crushing injury of left forearm	Diagnosis	ICD-10-CM
S57.82XA	Crushing injury of left forearm, initial encounter	Diagnosis	ICD-10-CM
S57.82XD	Crushing injury of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S57.82XS	Crushing injury of left forearm, sequela	Diagnosis	ICD-10-CM
S58	Traumatic amputation of elbow and forearm	Diagnosis	ICD-10-CM
S58.0	Traumatic amputation at elbow level	Diagnosis	ICD-10-CM
S58.01	Complete traumatic amputation at elbow level	Diagnosis	ICD-10-CM
S58.011	Complete traumatic amputation at elbow level, right arm	Diagnosis	ICD-10-CM
S58.011A	Complete traumatic amputation at elbow level, right arm, initial encounter	Diagnosis	ICD-10-CM
S58.011D	Complete traumatic amputation at elbow level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.011S	Complete traumatic amputation at elbow level, right arm, sequela	Diagnosis	ICD-10-CM
S58.012	Complete traumatic amputation at elbow level, left arm	Diagnosis	ICD-10-CM
S58.012A	Complete traumatic amputation at elbow level, left arm, initial encounter	Diagnosis	ICD-10-CM
S58.012D	Complete traumatic amputation at elbow level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.012S	Complete traumatic amputation at elbow level, left arm, sequela	Diagnosis	ICD-10-CM
S58.019	Complete traumatic amputation at elbow level, unspecified arm	Diagnosis	ICD-10-CM
S58.019A	Complete traumatic amputation at elbow level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S58.019D	Complete traumatic amputation at elbow level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.019S	Complete traumatic amputation at elbow level, unspecified arm, sequela	Diagnosis	ICD-10-CM
S58.02	Partial traumatic amputation at elbow level	Diagnosis	ICD-10-CM
S58.021	Partial traumatic amputation at elbow level, right arm	Diagnosis	ICD-10-CM
S58.021A	Partial traumatic amputation at elbow level, right arm, initial encounter	Diagnosis	ICD-10-CM
S58.021D	Partial traumatic amputation at elbow level, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.021S	Partial traumatic amputation at elbow level, right arm, sequela	Diagnosis	ICD-10-CM
S58.022	Partial traumatic amputation at elbow level, left arm	Diagnosis	ICD-10-CM
S58.022A	Partial traumatic amputation at elbow level, left arm, initial encounter	Diagnosis	ICD-10-CM
S58.022D	Partial traumatic amputation at elbow level, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.022S	Partial traumatic amputation at elbow level, left arm, sequela	Diagnosis	ICD-10-CM
S58.029	Partial traumatic amputation at elbow level, unspecified arm	Diagnosis	ICD-10-CM
S58.029A	Partial traumatic amputation at elbow level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S58.029D	Partial traumatic amputation at elbow level, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.029S	Partial traumatic amputation at elbow level, unspecified arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S58.1	Traumatic amputation at level between elbow and wrist	Diagnosis	ICD-10-CM
S58.11	Complete traumatic amputation at level between elbow and wrist	Diagnosis	ICD-10-CM
S58.111	Complete traumatic amputation at level between elbow and wrist, right arm	Diagnosis	ICD-10-CM
S58.111A	Complete traumatic amputation at level between elbow and wrist, right arm, initial encounter	Diagnosis	ICD-10-CM
S58.111D	Complete traumatic amputation at level between elbow and wrist, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.111S	Complete traumatic amputation at level between elbow and wrist, right arm, sequela	Diagnosis	ICD-10-CM
S58.112	Complete traumatic amputation at level between elbow and wrist, left arm	Diagnosis	ICD-10-CM
S58.112A	Complete traumatic amputation at level between elbow and wrist, left arm, initial encounter	Diagnosis	ICD-10-CM
S58.112D	Complete traumatic amputation at level between elbow and wrist, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.112S	Complete traumatic amputation at level between elbow and wrist, left arm, sequela	Diagnosis	ICD-10-CM
S58.119	Complete traumatic amputation at level between elbow and wrist, unspecified arm	Diagnosis	ICD-10-CM
S58.119A	Complete traumatic amputation at level between elbow and wrist, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S58.119D	Complete traumatic amputation at level between elbow and wrist, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.119S	Complete traumatic amputation at level between elbow and wrist, unspecified arm, sequela	Diagnosis	ICD-10-CM
S58.12	Partial traumatic amputation at level between elbow and wrist	Diagnosis	ICD-10-CM
S58.121	Partial traumatic amputation at level between elbow and wrist, right arm	Diagnosis	ICD-10-CM
S58.121A	Partial traumatic amputation at level between elbow and wrist, right arm, initial encounter	Diagnosis	ICD-10-CM
S58.121D	Partial traumatic amputation at level between elbow and wrist, right arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.121S	Partial traumatic amputation at level between elbow and wrist, right arm, sequela	Diagnosis	ICD-10-CM
S58.122	Partial traumatic amputation at level between elbow and wrist, left arm	Diagnosis	ICD-10-CM
S58.122A	Partial traumatic amputation at level between elbow and wrist, left arm, initial encounter	Diagnosis	ICD-10-CM
S58.122D	Partial traumatic amputation at level between elbow and wrist, left arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.122S	Partial traumatic amputation at level between elbow and wrist, left arm, sequela	Diagnosis	ICD-10-CM
S58.129	Partial traumatic amputation at level between elbow and wrist, unspecified arm	Diagnosis	ICD-10-CM
S58.129A	Partial traumatic amputation at level between elbow and wrist, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S58.129D	Partial traumatic amputation at level between elbow and wrist, unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S58.129S	Partial traumatic amputation at level between elbow and wrist, unspecified arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S58.9	Traumatic amputation of forearm, level unspecified	Diagnosis	ICD-10-CM
S58.91	Complete traumatic amputation of forearm, level unspecified	Diagnosis	ICD-10-CM
S58.911	Complete traumatic amputation of right forearm, level unspecified	Diagnosis	ICD-10-CM
S58.911A	Complete traumatic amputation of right forearm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S58.911D	Complete traumatic amputation of right forearm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S58.911S	Complete traumatic amputation of right forearm, level unspecified, sequela	Diagnosis	ICD-10-CM
S58.912	Complete traumatic amputation of left forearm, level unspecified	Diagnosis	ICD-10-CM
S58.912A	Complete traumatic amputation of left forearm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S58.912D	Complete traumatic amputation of left forearm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S58.912S	Complete traumatic amputation of left forearm, level unspecified, sequela	Diagnosis	ICD-10-CM
S58.919	Complete traumatic amputation of unspecified forearm, level unspecified	Diagnosis	ICD-10-CM
S58.919A	Complete traumatic amputation of unspecified forearm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S58.919D	Complete traumatic amputation of unspecified forearm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S58.919S	Complete traumatic amputation of unspecified forearm, level unspecified, sequela	Diagnosis	ICD-10-CM
S58.92	Partial traumatic amputation of forearm, level unspecified	Diagnosis	ICD-10-CM
S58.921	Partial traumatic amputation of right forearm, level unspecified	Diagnosis	ICD-10-CM
S58.921A	Partial traumatic amputation of right forearm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S58.921D	Partial traumatic amputation of right forearm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S58.921S	Partial traumatic amputation of right forearm, level unspecified, sequela	Diagnosis	ICD-10-CM
S58.922	Partial traumatic amputation of left forearm, level unspecified	Diagnosis	ICD-10-CM
S58.922A	Partial traumatic amputation of left forearm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S58.922D	Partial traumatic amputation of left forearm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S58.922S	Partial traumatic amputation of left forearm, level unspecified, sequela	Diagnosis	ICD-10-CM
S58.929	Partial traumatic amputation of unspecified forearm, level unspecified	Diagnosis	ICD-10-CM
S58.929A	Partial traumatic amputation of unspecified forearm, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S58.929D	Partial traumatic amputation of unspecified forearm, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S58.929S	Partial traumatic amputation of unspecified forearm, level unspecified, sequela	Diagnosis	ICD-10-CM
S59	Other and unspecified injuries of elbow and forearm	Diagnosis	ICD-10-CM
S59.0	Physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.00	Unspecified physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.001	Unspecified physeal fracture of lower end of ulna, right arm	Diagnosis	ICD-10-CM
S59.001A	Unspecified physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S59.001D	Unspecified physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.001G	Unspecified physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.001K	Unspecified physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.001P	Unspecified physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.001S	Unspecified physeal fracture of lower end of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S59.002	Unspecified physeal fracture of lower end of ulna, left arm	Diagnosis	ICD-10-CM
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.002D	Unspecified physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.002G	Unspecified physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.002K	Unspecified physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.002P	Unspecified physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.002S	Unspecified physeal fracture of lower end of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S59.009	Unspecified physeal fracture of lower end of ulna, unspecified arm	Diagnosis	ICD-10-CM
S59.009A	Unspecified physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.009D	Unspecified physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.009G	Unspecified physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.009K	Unspecified physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.009P	Unspecified physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.009S	Unspecified physeal fracture of lower end of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.01	Salter-Harris Type I physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.011	Salter-Harris Type I physeal fracture of lower end of ulna, right arm	Diagnosis	ICD-10-CM
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.011D	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.011G	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.011K	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.011P	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.011S	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S59.012	Salter-Harris Type I physeal fracture of lower end of ulna, left arm	Diagnosis	ICD-10-CM
S59.012A	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.012D	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.012G	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.012K	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.012P	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.012S	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S59.019	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm	Diagnosis	ICD-10-CM
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.019D	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.019G	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.019K	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.019P	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.019S	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.02	Salter-Harris Type II physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.021	Salter-Harris Type II physeal fracture of lower end of ulna, right arm	Diagnosis	ICD-10-CM
S59.021A	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.021D	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.021G	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.021K	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.021P	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.021S	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S59.022	Salter-Harris Type II physeal fracture of lower end of ulna, left arm	Diagnosis	ICD-10-CM
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.022D	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.022G	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.022K	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.022P	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.022S	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S59.029	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm	Diagnosis	ICD-10-CM
S59.029A	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.029D	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.029G	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.029K	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.029P	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.029S	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.03	Salter-Harris Type III physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.031	Salter-Harris Type III physeal fracture of lower end of ulna, right arm	Diagnosis	ICD-10-CM
S59.031A	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.031D	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.031G	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.031K	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.031P	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.031S	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S59.032	Salter-Harris Type III physeal fracture of lower end of ulna, left arm	Diagnosis	ICD-10-CM
S59.032A	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.032D	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.032G	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.032K	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.032P	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.032S	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.039	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm	Diagnosis	ICD-10-CM
S59.039A	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.039D	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.039G	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.039K	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.039P	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.039S	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.04	Salter-Harris Type IV physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.041	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm	Diagnosis	ICD-10-CM
S59.041A	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.041D	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.041G	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.041K	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.041P	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.041S	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S59.042	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm	Diagnosis	ICD-10-CM
S59.042A	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.042D	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.042G	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.042K	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.042P	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.042S	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S59.049	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm	Diagnosis	ICD-10-CM
S59.049A	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.049D	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.049G	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.049K	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.049P	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.049S	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.09	Other physeal fracture of lower end of ulna	Diagnosis	ICD-10-CM
S59.091	Other physeal fracture of lower end of ulna, right arm	Diagnosis	ICD-10-CM
S59.091A	Other physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.091D	Other physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.091G	Other physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.091K	Other physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.091P	Other physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.091S	Other physeal fracture of lower end of ulna, right arm, sequela	Diagnosis	ICD-10-CM
S59.092	Other physeal fracture of lower end of ulna, left arm	Diagnosis	ICD-10-CM
S59.092A	Other physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.092D	Other physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.092G	Other physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.092K	Other physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.092P	Other physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.092S	Other physeal fracture of lower end of ulna, left arm, sequela	Diagnosis	ICD-10-CM
S59.099	Other physeal fracture of lower end of ulna, unspecified arm	Diagnosis	ICD-10-CM
S59.099A	Other physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.099D	Other physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.099G	Other physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.099K	Other physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.099P	Other physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.099S	Other physeal fracture of lower end of ulna, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.1	Physeal fracture of upper end of radius	Diagnosis	ICD-10-CM
S59.10	Unspecified physeal fracture of upper end of radius	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.101	Unspecified physeal fracture of upper end of radius, right arm	Diagnosis	ICD-10-CM
S59.101A	Unspecified physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.101D	Unspecified physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.101G	Unspecified physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.101K	Unspecified physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.101P	Unspecified physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.101S	Unspecified physeal fracture of upper end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.102	Unspecified physeal fracture of upper end of radius, left arm	Diagnosis	ICD-10-CM
S59.102A	Unspecified physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.102D	Unspecified physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.102G	Unspecified physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.102K	Unspecified physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.102P	Unspecified physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.102S	Unspecified physeal fracture of upper end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.109	Unspecified physeal fracture of upper end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.109A	Unspecified physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.109D	Unspecified physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.109G	Unspecified physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.109K	Unspecified physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.109P	Unspecified physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.109S	Unspecified physeal fracture of upper end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.111	Salter-Harris Type I physeal fracture of upper end of radius	Diagnosis	ICD-10-CM
S59.111	Salter-Harris Type I physeal fracture of upper end of radius, right arm	Diagnosis	ICD-10-CM
S59.111A	Salter-Harris Type I physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.111D	Salter-Harris Type I physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.111G	Salter-Harris Type I physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.111K	Salter-Harris Type I physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.111P	Salter-Harris Type I physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.111S	Salter-Harris Type I physeal fracture of upper end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.112	Salter-Harris Type I physeal fracture of upper end of radius, left arm	Diagnosis	ICD-10-CM
S59.112A	Salter-Harris Type I physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.112D	Salter-Harris Type I physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.112G	Salter-Harris Type I physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.112K	Salter-Harris Type I physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.112P	Salter-Harris Type I physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.112S	Salter-Harris Type I physeal fracture of upper end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.119	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.119A	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.119D	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.119G	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.119K	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.119P	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.119S	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.12	Salter-Harris Type II physeal fracture of upper end of radius	Diagnosis	ICD-10-CM
S59.121	Salter-Harris Type II physeal fracture of upper end of radius, right arm	Diagnosis	ICD-10-CM
S59.121A	Salter-Harris Type II physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.121D	Salter-Harris Type II physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.121G	Salter-Harris Type II physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.121K	Salter-Harris Type II physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.121P	Salter-Harris Type II physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.121S	Salter-Harris Type II physeal fracture of upper end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.122	Salter-Harris Type II physeal fracture of upper end of radius, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.122D	Salter-Harris Type II physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.122G	Salter-Harris Type II physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.122K	Salter-Harris Type II physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.122P	Salter-Harris Type II physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.122S	Salter-Harris Type II physeal fracture of upper end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.129	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.129A	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.129D	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.129G	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.129K	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.129P	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.129S	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.13	Salter-Harris Type III physeal fracture of upper end of radius	Diagnosis	ICD-10-CM
S59.131	Salter-Harris Type III physeal fracture of upper end of radius, right arm	Diagnosis	ICD-10-CM
S59.131A	Salter-Harris Type III physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.131D	Salter-Harris Type III physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.131G	Salter-Harris Type III physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.131K	Salter-Harris Type III physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.131P	Salter-Harris Type III physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.131S	Salter-Harris Type III physeal fracture of upper end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.132	Salter-Harris Type III physeal fracture of upper end of radius, left arm	Diagnosis	ICD-10-CM
S59.132A	Salter-Harris Type III physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.132D	Salter-Harris Type III physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.132G	Salter-Harris Type III physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.132K	Salter-Harris Type III physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.132P	Salter-Harris Type III physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.132S	Salter-Harris Type III physeal fracture of upper end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.139	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.139A	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.139D	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.139G	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.139K	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.139P	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.139S	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.14	Salter-Harris Type IV physeal fracture of upper end of radius	Diagnosis	ICD-10-CM
S59.141	Salter-Harris Type IV physeal fracture of upper end of radius, right arm	Diagnosis	ICD-10-CM
S59.141A	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.141D	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.141G	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.141K	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.141P	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.141S	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.142	Salter-Harris Type IV physeal fracture of upper end of radius, left arm	Diagnosis	ICD-10-CM
S59.142A	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.142D	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.142G	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.142K	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.142P	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.142S	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.149	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.149A	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.149D	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.149G	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.149K	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.149P	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.149S	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.19	Other physeal fracture of upper end of radius	Diagnosis	ICD-10-CM
S59.191	Other physeal fracture of upper end of radius, right arm	Diagnosis	ICD-10-CM
S59.191A	Other physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.191D	Other physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.191G	Other physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.191K	Other physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.191P	Other physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.191S	Other physeal fracture of upper end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.192	Other physeal fracture of upper end of radius, left arm	Diagnosis	ICD-10-CM
S59.192A	Other physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.192D	Other physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.192G	Other physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.192K	Other physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.192P	Other physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.192S	Other physeal fracture of upper end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.199	Other physeal fracture of upper end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.199A	Other physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.199D	Other physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.199G	Other physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.199K	Other physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.199P	Other physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.199S	Other physeal fracture of upper end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.2	Physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.20	Unspecified physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.201	Unspecified physeal fracture of lower end of radius, right arm	Diagnosis	ICD-10-CM
S59.201A	Unspecified physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.201D	Unspecified physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.201G	Unspecified physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.201K	Unspecified physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.201P	Unspecified physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.201S	Unspecified physeal fracture of lower end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.202	Unspecified physeal fracture of lower end of radius, left arm	Diagnosis	ICD-10-CM
S59.202A	Unspecified physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.202D	Unspecified physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.202G	Unspecified physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.202K	Unspecified physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.202P	Unspecified physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.202S	Unspecified physeal fracture of lower end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.209	Unspecified physeal fracture of lower end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.209A	Unspecified physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.209D	Unspecified physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.209G	Unspecified physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.209K	Unspecified physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.209P	Unspecified physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.209S	Unspecified physeal fracture of lower end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.21	Salter-Harris Type I physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.211	Salter-Harris Type I physeal fracture of lower end of radius, right arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.211D	Salter-Harris Type I physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.211G	Salter-Harris Type I physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.211K	Salter-Harris Type I physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.211P	Salter-Harris Type I physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.211S	Salter-Harris Type I physeal fracture of lower end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.212	Salter-Harris Type I physeal fracture of lower end of radius, left arm	Diagnosis	ICD-10-CM
S59.212A	Salter-Harris Type I physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.212D	Salter-Harris Type I physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.212G	Salter-Harris Type I physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.212K	Salter-Harris Type I physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.212P	Salter-Harris Type I physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.212S	Salter-Harris Type I physeal fracture of lower end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.219	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.219D	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.219G	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.219K	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.219P	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.219S	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.22	Salter-Harris Type II physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.221	Salter-Harris Type II physeal fracture of lower end of radius, right arm	Diagnosis	ICD-10-CM
S59.221A	Salter-Harris Type II physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.221D	Salter-Harris Type II physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.221G	Salter-Harris Type II physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.221K	Salter-Harris Type II physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.221P	Salter-Harris Type II physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.221S	Salter-Harris Type II physeal fracture of lower end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.222	Salter-Harris Type II physeal fracture of lower end of radius, left arm	Diagnosis	ICD-10-CM
S59.222A	Salter-Harris Type II physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.222D	Salter-Harris Type II physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.222G	Salter-Harris Type II physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.222K	Salter-Harris Type II physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.222P	Salter-Harris Type II physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.222S	Salter-Harris Type II physeal fracture of lower end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.229	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.229A	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.229D	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.229G	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.229K	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.229P	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.229S	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.23	Salter-Harris Type III physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.231	Salter-Harris Type III physeal fracture of lower end of radius, right arm	Diagnosis	ICD-10-CM
S59.231A	Salter-Harris Type III physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.231D	Salter-Harris Type III physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.231G	Salter-Harris Type III physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.231K	Salter-Harris Type III physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.231P	Salter-Harris Type III physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.231S	Salter-Harris Type III physeal fracture of lower end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.232	Salter-Harris Type III physeal fracture of lower end of radius, left arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.232D	Salter-Harris Type III physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.232G	Salter-Harris Type III physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.232K	Salter-Harris Type III physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.232P	Salter-Harris Type III physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.232S	Salter-Harris Type III physeal fracture of lower end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.239	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.239D	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.239G	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.239K	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.239P	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.239S	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.24	Salter-Harris Type IV physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.241	Salter-Harris Type IV physeal fracture of lower end of radius, right arm	Diagnosis	ICD-10-CM
S59.241A	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.241D	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.241G	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.241K	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.241P	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.241S	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.242	Salter-Harris Type IV physeal fracture of lower end of radius, left arm	Diagnosis	ICD-10-CM
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.242D	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.242G	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.242K	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.242P	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.242S	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.249	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm	Diagnosis	ICD-10-CM
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.249D	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.249G	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.249K	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.249P	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.249S	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.29	Other physeal fracture of lower end of radius	Diagnosis	ICD-10-CM
S59.291	Other physeal fracture of lower end of radius, right arm	Diagnosis	ICD-10-CM
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.291D	Other physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.291G	Other physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.291K	Other physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.291P	Other physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.291S	Other physeal fracture of lower end of radius, right arm, sequela	Diagnosis	ICD-10-CM
S59.292	Other physeal fracture of lower end of radius, left arm	Diagnosis	ICD-10-CM
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.292D	Other physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.292G	Other physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.292K	Other physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.292P	Other physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.292S	Other physeal fracture of lower end of radius, left arm, sequela	Diagnosis	ICD-10-CM
S59.299	Other physeal fracture of lower end of radius, unspecified arm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.299D	Other physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S59.299G	Other physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S59.299K	Other physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S59.299P	Other physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S59.299S	Other physeal fracture of lower end of radius, unspecified arm, sequela	Diagnosis	ICD-10-CM
S59.8	Other specified injuries of elbow and forearm	Diagnosis	ICD-10-CM
S59.80	Other specified injuries of elbow	Diagnosis	ICD-10-CM
S59.801	Other specified injuries of right elbow	Diagnosis	ICD-10-CM
S59.801A	Other specified injuries of right elbow, initial encounter	Diagnosis	ICD-10-CM
S59.801D	Other specified injuries of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S59.801S	Other specified injuries of right elbow, sequela	Diagnosis	ICD-10-CM
S59.802	Other specified injuries of left elbow	Diagnosis	ICD-10-CM
S59.802A	Other specified injuries of left elbow, initial encounter	Diagnosis	ICD-10-CM
S59.802D	Other specified injuries of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S59.802S	Other specified injuries of left elbow, sequela	Diagnosis	ICD-10-CM
S59.809	Other specified injuries of unspecified elbow	Diagnosis	ICD-10-CM
S59.809A	Other specified injuries of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S59.809D	Other specified injuries of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S59.809S	Other specified injuries of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S59.81	Other specified injuries of forearm	Diagnosis	ICD-10-CM
S59.811	Other specified injuries right forearm	Diagnosis	ICD-10-CM
S59.811A	Other specified injuries right forearm, initial encounter	Diagnosis	ICD-10-CM
S59.811D	Other specified injuries right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S59.811S	Other specified injuries right forearm, sequela	Diagnosis	ICD-10-CM
S59.812	Other specified injuries left forearm	Diagnosis	ICD-10-CM
S59.812A	Other specified injuries left forearm, initial encounter	Diagnosis	ICD-10-CM
S59.812D	Other specified injuries left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S59.812S	Other specified injuries left forearm, sequela	Diagnosis	ICD-10-CM
S59.819	Other specified injuries unspecified forearm	Diagnosis	ICD-10-CM
S59.819A	Other specified injuries unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S59.819D	Other specified injuries unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S59.819S	Other specified injuries unspecified forearm, sequela	Diagnosis	ICD-10-CM
S59.9	Unspecified injury of elbow and forearm	Diagnosis	ICD-10-CM
S59.90	Unspecified injury of elbow	Diagnosis	ICD-10-CM
S59.901	Unspecified injury of right elbow	Diagnosis	ICD-10-CM
S59.901A	Unspecified injury of right elbow, initial encounter	Diagnosis	ICD-10-CM
S59.901D	Unspecified injury of right elbow, subsequent encounter	Diagnosis	ICD-10-CM
S59.901S	Unspecified injury of right elbow, sequela	Diagnosis	ICD-10-CM
S59.902	Unspecified injury of left elbow	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S59.902A	Unspecified injury of left elbow, initial encounter	Diagnosis	ICD-10-CM
S59.902D	Unspecified injury of left elbow, subsequent encounter	Diagnosis	ICD-10-CM
S59.902S	Unspecified injury of left elbow, sequela	Diagnosis	ICD-10-CM
S59.909	Unspecified injury of unspecified elbow	Diagnosis	ICD-10-CM
S59.909A	Unspecified injury of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S59.909D	Unspecified injury of unspecified elbow, subsequent encounter	Diagnosis	ICD-10-CM
S59.909S	Unspecified injury of unspecified elbow, sequela	Diagnosis	ICD-10-CM
S59.91	Unspecified injury of forearm	Diagnosis	ICD-10-CM
S59.911	Unspecified injury of right forearm	Diagnosis	ICD-10-CM
S59.911A	Unspecified injury of right forearm, initial encounter	Diagnosis	ICD-10-CM
S59.911D	Unspecified injury of right forearm, subsequent encounter	Diagnosis	ICD-10-CM
S59.911S	Unspecified injury of right forearm, sequela	Diagnosis	ICD-10-CM
S59.912	Unspecified injury of left forearm	Diagnosis	ICD-10-CM
S59.912A	Unspecified injury of left forearm, initial encounter	Diagnosis	ICD-10-CM
S59.912D	Unspecified injury of left forearm, subsequent encounter	Diagnosis	ICD-10-CM
S59.912S	Unspecified injury of left forearm, sequela	Diagnosis	ICD-10-CM
S59.919	Unspecified injury of unspecified forearm	Diagnosis	ICD-10-CM
S59.919A	Unspecified injury of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S59.919D	Unspecified injury of unspecified forearm, subsequent encounter	Diagnosis	ICD-10-CM
S59.919S	Unspecified injury of unspecified forearm, sequela	Diagnosis	ICD-10-CM
S60	Superficial injury of wrist, hand and fingers	Diagnosis	ICD-10-CM
S60.0	Contusion of finger without damage to nail	Diagnosis	ICD-10-CM
S60.00	Contusion of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S60.00XA	Contusion of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.00XD	Contusion of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.00XS	Contusion of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.01	Contusion of thumb without damage to nail	Diagnosis	ICD-10-CM
S60.011	Contusion of right thumb without damage to nail	Diagnosis	ICD-10-CM
S60.011A	Contusion of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.011D	Contusion of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.011S	Contusion of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.012	Contusion of left thumb without damage to nail	Diagnosis	ICD-10-CM
S60.012A	Contusion of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.012D	Contusion of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.012S	Contusion of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.019	Contusion of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S60.019A	Contusion of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.019D	Contusion of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.019S	Contusion of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.02	Contusion of index finger without damage to nail	Diagnosis	ICD-10-CM
S60.021	Contusion of right index finger without damage to nail	Diagnosis	ICD-10-CM
S60.021A	Contusion of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.021D	Contusion of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.021S	Contusion of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.022	Contusion of left index finger without damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.022A	Contusion of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.022D	Contusion of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.022S	Contusion of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.029	Contusion of unspecified index finger without damage to nail	Diagnosis	ICD-10-CM
S60.029A	Contusion of unspecified index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.029D	Contusion of unspecified index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.029S	Contusion of unspecified index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.03	Contusion of middle finger without damage to nail	Diagnosis	ICD-10-CM
S60.031	Contusion of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S60.031A	Contusion of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.031D	Contusion of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.031S	Contusion of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.032	Contusion of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S60.032A	Contusion of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.032D	Contusion of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.032S	Contusion of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.039	Contusion of unspecified middle finger without damage to nail	Diagnosis	ICD-10-CM
S60.039A	Contusion of unspecified middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.039D	Contusion of unspecified middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.039S	Contusion of unspecified middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.04	Contusion of ring finger without damage to nail	Diagnosis	ICD-10-CM
S60.041	Contusion of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S60.041A	Contusion of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.041D	Contusion of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.041S	Contusion of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.042	Contusion of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S60.042A	Contusion of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.042D	Contusion of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.042S	Contusion of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.049	Contusion of unspecified ring finger without damage to nail	Diagnosis	ICD-10-CM
S60.049A	Contusion of unspecified ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.049D	Contusion of unspecified ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.049S	Contusion of unspecified ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.05	Contusion of little finger without damage to nail	Diagnosis	ICD-10-CM
S60.051	Contusion of right little finger without damage to nail	Diagnosis	ICD-10-CM
S60.051A	Contusion of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.051D	Contusion of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.051S	Contusion of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.052	Contusion of left little finger without damage to nail	Diagnosis	ICD-10-CM
S60.052A	Contusion of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.052D	Contusion of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.052S	Contusion of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.059	Contusion of unspecified little finger without damage to nail	Diagnosis	ICD-10-CM
S60.059A	Contusion of unspecified little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.059D	Contusion of unspecified little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.059S	Contusion of unspecified little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S60.1	Contusion of finger with damage to nail	Diagnosis	ICD-10-CM
S60.10	Contusion of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S60.10XA	Contusion of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.10XD	Contusion of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.10XS	Contusion of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.11	Contusion of thumb with damage to nail	Diagnosis	ICD-10-CM
S60.111	Contusion of right thumb with damage to nail	Diagnosis	ICD-10-CM
S60.111A	Contusion of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.111D	Contusion of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.111S	Contusion of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.112	Contusion of left thumb with damage to nail	Diagnosis	ICD-10-CM
S60.112A	Contusion of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.112D	Contusion of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.112S	Contusion of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.119	Contusion of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM
S60.119A	Contusion of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.119D	Contusion of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.119S	Contusion of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.12	Contusion of index finger with damage to nail	Diagnosis	ICD-10-CM
S60.121	Contusion of right index finger with damage to nail	Diagnosis	ICD-10-CM
S60.121A	Contusion of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.121D	Contusion of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.121S	Contusion of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.122	Contusion of left index finger with damage to nail	Diagnosis	ICD-10-CM
S60.122A	Contusion of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.122D	Contusion of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.122S	Contusion of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.129	Contusion of unspecified index finger with damage to nail	Diagnosis	ICD-10-CM
S60.129A	Contusion of unspecified index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.129D	Contusion of unspecified index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.129S	Contusion of unspecified index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.13	Contusion of middle finger with damage to nail	Diagnosis	ICD-10-CM
S60.131	Contusion of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S60.131A	Contusion of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.131D	Contusion of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.131S	Contusion of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.132	Contusion of left middle finger with damage to nail	Diagnosis	ICD-10-CM
S60.132A	Contusion of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.132D	Contusion of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.132S	Contusion of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.139	Contusion of unspecified middle finger with damage to nail	Diagnosis	ICD-10-CM
S60.139A	Contusion of unspecified middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.139D	Contusion of unspecified middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.139S	Contusion of unspecified middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.14	Contusion of ring finger with damage to nail	Diagnosis	ICD-10-CM
S60.141	Contusion of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S60.141A	Contusion of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.141D	Contusion of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.141S	Contusion of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.142	Contusion of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S60.142A	Contusion of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.142D	Contusion of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.142S	Contusion of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.149	Contusion of unspecified ring finger with damage to nail	Diagnosis	ICD-10-CM
S60.149A	Contusion of unspecified ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.149D	Contusion of unspecified ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.149S	Contusion of unspecified ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.15	Contusion of little finger with damage to nail	Diagnosis	ICD-10-CM
S60.151	Contusion of right little finger with damage to nail	Diagnosis	ICD-10-CM
S60.151A	Contusion of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.151D	Contusion of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.151S	Contusion of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.152	Contusion of left little finger with damage to nail	Diagnosis	ICD-10-CM
S60.152A	Contusion of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.152D	Contusion of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.152S	Contusion of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.159	Contusion of unspecified little finger with damage to nail	Diagnosis	ICD-10-CM
S60.159A	Contusion of unspecified little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S60.159D	Contusion of unspecified little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S60.159S	Contusion of unspecified little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S60.2	Contusion of wrist and hand	Diagnosis	ICD-10-CM
S60.21	Contusion of wrist	Diagnosis	ICD-10-CM
S60.211	Contusion of right wrist	Diagnosis	ICD-10-CM
S60.211A	Contusion of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.211D	Contusion of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.211S	Contusion of right wrist, sequela	Diagnosis	ICD-10-CM
S60.212	Contusion of left wrist	Diagnosis	ICD-10-CM
S60.212A	Contusion of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.212D	Contusion of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.212S	Contusion of left wrist, sequela	Diagnosis	ICD-10-CM
S60.219	Contusion of unspecified wrist	Diagnosis	ICD-10-CM
S60.219A	Contusion of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.219D	Contusion of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.219S	Contusion of unspecified wrist, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.22	Contusion of hand	Diagnosis	ICD-10-CM
S60.221	Contusion of right hand	Diagnosis	ICD-10-CM
S60.221A	Contusion of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.221D	Contusion of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.221S	Contusion of right hand, sequela	Diagnosis	ICD-10-CM
S60.222	Contusion of left hand	Diagnosis	ICD-10-CM
S60.222A	Contusion of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.222D	Contusion of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.222S	Contusion of left hand, sequela	Diagnosis	ICD-10-CM
S60.229	Contusion of unspecified hand	Diagnosis	ICD-10-CM
S60.229A	Contusion of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.229D	Contusion of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.229S	Contusion of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.3	Other superficial injuries of thumb	Diagnosis	ICD-10-CM
S60.31	Abrasion of thumb	Diagnosis	ICD-10-CM
S60.311	Abrasion of right thumb	Diagnosis	ICD-10-CM
S60.311A	Abrasion of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.311D	Abrasion of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.311S	Abrasion of right thumb, sequela	Diagnosis	ICD-10-CM
S60.312	Abrasion of left thumb	Diagnosis	ICD-10-CM
S60.312A	Abrasion of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.312D	Abrasion of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.312S	Abrasion of left thumb, sequela	Diagnosis	ICD-10-CM
S60.319	Abrasion of unspecified thumb	Diagnosis	ICD-10-CM
S60.319A	Abrasion of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.319D	Abrasion of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.319S	Abrasion of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.32	Blister (nonthermal) of thumb	Diagnosis	ICD-10-CM
S60.321	Blister (nonthermal) of right thumb	Diagnosis	ICD-10-CM
S60.321A	Blister (nonthermal) of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.321D	Blister (nonthermal) of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.321S	Blister (nonthermal) of right thumb, sequela	Diagnosis	ICD-10-CM
S60.322	Blister (nonthermal) of left thumb	Diagnosis	ICD-10-CM
S60.322A	Blister (nonthermal) of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.322D	Blister (nonthermal) of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.322S	Blister (nonthermal) of left thumb, sequela	Diagnosis	ICD-10-CM
S60.329	Blister (nonthermal) of unspecified thumb	Diagnosis	ICD-10-CM
S60.329A	Blister (nonthermal) of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.329D	Blister (nonthermal) of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.329S	Blister (nonthermal) of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.34	External constriction of thumb	Diagnosis	ICD-10-CM
S60.341	External constriction of right thumb	Diagnosis	ICD-10-CM
S60.341A	External constriction of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.341D	External constriction of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.341S	External constriction of right thumb, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.342	External constriction of left thumb	Diagnosis	ICD-10-CM
S60.342A	External constriction of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.342D	External constriction of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.342S	External constriction of left thumb, sequela	Diagnosis	ICD-10-CM
S60.349	External constriction of unspecified thumb	Diagnosis	ICD-10-CM
S60.349A	External constriction of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.349D	External constriction of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.349S	External constriction of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.35	Superficial foreign body of thumb	Diagnosis	ICD-10-CM
S60.351	Superficial foreign body of right thumb	Diagnosis	ICD-10-CM
S60.351A	Superficial foreign body of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.351D	Superficial foreign body of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.351S	Superficial foreign body of right thumb, sequela	Diagnosis	ICD-10-CM
S60.352	Superficial foreign body of left thumb	Diagnosis	ICD-10-CM
S60.352A	Superficial foreign body of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.352D	Superficial foreign body of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.352S	Superficial foreign body of left thumb, sequela	Diagnosis	ICD-10-CM
S60.359	Superficial foreign body of unspecified thumb	Diagnosis	ICD-10-CM
S60.359A	Superficial foreign body of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.359D	Superficial foreign body of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.359S	Superficial foreign body of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.36	Insect bite (nonvenomous) of thumb	Diagnosis	ICD-10-CM
S60.361	Insect bite (nonvenomous) of right thumb	Diagnosis	ICD-10-CM
S60.361A	Insect bite (nonvenomous) of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.361D	Insect bite (nonvenomous) of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.361S	Insect bite (nonvenomous) of right thumb, sequela	Diagnosis	ICD-10-CM
S60.362	Insect bite (nonvenomous) of left thumb	Diagnosis	ICD-10-CM
S60.362A	Insect bite (nonvenomous) of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.362D	Insect bite (nonvenomous) of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.362S	Insect bite (nonvenomous) of left thumb, sequela	Diagnosis	ICD-10-CM
S60.369	Insect bite (nonvenomous) of unspecified thumb	Diagnosis	ICD-10-CM
S60.369A	Insect bite (nonvenomous) of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.369D	Insect bite (nonvenomous) of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.369S	Insect bite (nonvenomous) of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.37	Other superficial bite of thumb	Diagnosis	ICD-10-CM
S60.371	Other superficial bite of right thumb	Diagnosis	ICD-10-CM
S60.371A	Other superficial bite of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.371D	Other superficial bite of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.371S	Other superficial bite of right thumb, sequela	Diagnosis	ICD-10-CM
S60.372	Other superficial bite of left thumb	Diagnosis	ICD-10-CM
S60.372A	Other superficial bite of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.372D	Other superficial bite of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.372S	Other superficial bite of left thumb, sequela	Diagnosis	ICD-10-CM
S60.379	Other superficial bite of unspecified thumb	Diagnosis	ICD-10-CM
S60.379A	Other superficial bite of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.379D	Other superficial bite of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.379S	Other superficial bite of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.39	Other superficial injuries of thumb	Diagnosis	ICD-10-CM
S60.391	Other superficial injuries of right thumb	Diagnosis	ICD-10-CM
S60.391A	Other superficial injuries of right thumb, initial encounter	Diagnosis	ICD-10-CM
S60.391D	Other superficial injuries of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.391S	Other superficial injuries of right thumb, sequela	Diagnosis	ICD-10-CM
S60.392	Other superficial injuries of left thumb	Diagnosis	ICD-10-CM
S60.392A	Other superficial injuries of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.392D	Other superficial injuries of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.392S	Other superficial injuries of left thumb, sequela	Diagnosis	ICD-10-CM
S60.399	Other superficial injuries of unspecified thumb	Diagnosis	ICD-10-CM
S60.399A	Other superficial injuries of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.399D	Other superficial injuries of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.399S	Other superficial injuries of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.4	Other superficial injuries of other fingers	Diagnosis	ICD-10-CM
S60.41	Abrasion of fingers	Diagnosis	ICD-10-CM
S60.410	Abrasion of right index finger	Diagnosis	ICD-10-CM
S60.410A	Abrasion of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.410D	Abrasion of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.410S	Abrasion of right index finger, sequela	Diagnosis	ICD-10-CM
S60.411	Abrasion of left index finger	Diagnosis	ICD-10-CM
S60.411A	Abrasion of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.411D	Abrasion of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.411S	Abrasion of left index finger, sequela	Diagnosis	ICD-10-CM
S60.412	Abrasion of right middle finger	Diagnosis	ICD-10-CM
S60.412A	Abrasion of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.412D	Abrasion of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.412S	Abrasion of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.413	Abrasion of left middle finger	Diagnosis	ICD-10-CM
S60.413A	Abrasion of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.413D	Abrasion of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.413S	Abrasion of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.414	Abrasion of right ring finger	Diagnosis	ICD-10-CM
S60.414A	Abrasion of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.414D	Abrasion of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.414S	Abrasion of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.415	Abrasion of left ring finger	Diagnosis	ICD-10-CM
S60.415A	Abrasion of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.415D	Abrasion of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.415S	Abrasion of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.416	Abrasion of right little finger	Diagnosis	ICD-10-CM
S60.416A	Abrasion of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.416D	Abrasion of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.416S	Abrasion of right little finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.417	Abrasion of left little finger	Diagnosis	ICD-10-CM
S60.417A	Abrasion of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.417D	Abrasion of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.417S	Abrasion of left little finger, sequela	Diagnosis	ICD-10-CM
S60.418	Abrasion of other finger	Diagnosis	ICD-10-CM
S60.418A	Abrasion of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.418D	Abrasion of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.418S	Abrasion of other finger, sequela	Diagnosis	ICD-10-CM
S60.419	Abrasion of unspecified finger	Diagnosis	ICD-10-CM
S60.419A	Abrasion of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.419D	Abrasion of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.419S	Abrasion of unspecified finger, sequela	Diagnosis	ICD-10-CM
S60.42	Blister (nonthermal) of fingers	Diagnosis	ICD-10-CM
S60.420	Blister (nonthermal) of right index finger	Diagnosis	ICD-10-CM
S60.420A	Blister (nonthermal) of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.420D	Blister (nonthermal) of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.420S	Blister (nonthermal) of right index finger, sequela	Diagnosis	ICD-10-CM
S60.421	Blister (nonthermal) of left index finger	Diagnosis	ICD-10-CM
S60.421A	Blister (nonthermal) of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.421D	Blister (nonthermal) of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.421S	Blister (nonthermal) of left index finger, sequela	Diagnosis	ICD-10-CM
S60.422	Blister (nonthermal) of right middle finger	Diagnosis	ICD-10-CM
S60.422A	Blister (nonthermal) of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.422D	Blister (nonthermal) of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.422S	Blister (nonthermal) of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.423	Blister (nonthermal) of left middle finger	Diagnosis	ICD-10-CM
S60.423A	Blister (nonthermal) of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.423D	Blister (nonthermal) of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.423S	Blister (nonthermal) of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.424	Blister (nonthermal) of right ring finger	Diagnosis	ICD-10-CM
S60.424A	Blister (nonthermal) of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.424D	Blister (nonthermal) of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.424S	Blister (nonthermal) of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.425	Blister (nonthermal) of left ring finger	Diagnosis	ICD-10-CM
S60.425A	Blister (nonthermal) of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.425D	Blister (nonthermal) of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.425S	Blister (nonthermal) of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.426	Blister (nonthermal) of right little finger	Diagnosis	ICD-10-CM
S60.426A	Blister (nonthermal) of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.426D	Blister (nonthermal) of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.426S	Blister (nonthermal) of right little finger, sequela	Diagnosis	ICD-10-CM
S60.427	Blister (nonthermal) of left little finger	Diagnosis	ICD-10-CM
S60.427A	Blister (nonthermal) of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.427D	Blister (nonthermal) of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.427S	Blister (nonthermal) of left little finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.428	Blister (nonthermal) of other finger	Diagnosis	ICD-10-CM
S60.428A	Blister (nonthermal) of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.428D	Blister (nonthermal) of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.428S	Blister (nonthermal) of other finger, sequela	Diagnosis	ICD-10-CM
S60.429	Blister (nonthermal) of unspecified finger	Diagnosis	ICD-10-CM
S60.429A	Blister (nonthermal) of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.429D	Blister (nonthermal) of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.429S	Blister (nonthermal) of unspecified finger, sequela	Diagnosis	ICD-10-CM
S60.44	External constriction of fingers	Diagnosis	ICD-10-CM
S60.440	External constriction of right index finger	Diagnosis	ICD-10-CM
S60.440A	External constriction of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.440D	External constriction of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.440S	External constriction of right index finger, sequela	Diagnosis	ICD-10-CM
S60.441	External constriction of left index finger	Diagnosis	ICD-10-CM
S60.441A	External constriction of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.441D	External constriction of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.441S	External constriction of left index finger, sequela	Diagnosis	ICD-10-CM
S60.442	External constriction of right middle finger	Diagnosis	ICD-10-CM
S60.442A	External constriction of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.442D	External constriction of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.442S	External constriction of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.443	External constriction of left middle finger	Diagnosis	ICD-10-CM
S60.443A	External constriction of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.443D	External constriction of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.443S	External constriction of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.444	External constriction of right ring finger	Diagnosis	ICD-10-CM
S60.444A	External constriction of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.444D	External constriction of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.444S	External constriction of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.445	External constriction of left ring finger	Diagnosis	ICD-10-CM
S60.445A	External constriction of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.445D	External constriction of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.445S	External constriction of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.446	External constriction of right little finger	Diagnosis	ICD-10-CM
S60.446A	External constriction of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.446D	External constriction of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.446S	External constriction of right little finger, sequela	Diagnosis	ICD-10-CM
S60.447	External constriction of left little finger	Diagnosis	ICD-10-CM
S60.447A	External constriction of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.447D	External constriction of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.447S	External constriction of left little finger, sequela	Diagnosis	ICD-10-CM
S60.448	External constriction of other finger	Diagnosis	ICD-10-CM
S60.448A	External constriction of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.448D	External constriction of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.448S	External constriction of other finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.449	External constriction of unspecified finger	Diagnosis	ICD-10-CM
S60.449A	External constriction of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.449D	External constriction of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.449S	External constriction of unspecified finger, sequela	Diagnosis	ICD-10-CM
S60.45	Superficial foreign body of fingers	Diagnosis	ICD-10-CM
S60.450	Superficial foreign body of right index finger	Diagnosis	ICD-10-CM
S60.450A	Superficial foreign body of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.450D	Superficial foreign body of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.450S	Superficial foreign body of right index finger, sequela	Diagnosis	ICD-10-CM
S60.451	Superficial foreign body of left index finger	Diagnosis	ICD-10-CM
S60.451A	Superficial foreign body of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.451D	Superficial foreign body of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.451S	Superficial foreign body of left index finger, sequela	Diagnosis	ICD-10-CM
S60.452	Superficial foreign body of right middle finger	Diagnosis	ICD-10-CM
S60.452A	Superficial foreign body of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.452D	Superficial foreign body of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.452S	Superficial foreign body of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.453	Superficial foreign body of left middle finger	Diagnosis	ICD-10-CM
S60.453A	Superficial foreign body of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.453D	Superficial foreign body of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.453S	Superficial foreign body of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.454	Superficial foreign body of right ring finger	Diagnosis	ICD-10-CM
S60.454A	Superficial foreign body of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.454D	Superficial foreign body of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.454S	Superficial foreign body of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.455	Superficial foreign body of left ring finger	Diagnosis	ICD-10-CM
S60.455A	Superficial foreign body of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.455D	Superficial foreign body of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.455S	Superficial foreign body of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.456	Superficial foreign body of right little finger	Diagnosis	ICD-10-CM
S60.456A	Superficial foreign body of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.456D	Superficial foreign body of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.456S	Superficial foreign body of right little finger, sequela	Diagnosis	ICD-10-CM
S60.457	Superficial foreign body of left little finger	Diagnosis	ICD-10-CM
S60.457A	Superficial foreign body of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.457D	Superficial foreign body of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.457S	Superficial foreign body of left little finger, sequela	Diagnosis	ICD-10-CM
S60.458	Superficial foreign body of other finger	Diagnosis	ICD-10-CM
S60.458A	Superficial foreign body of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.458D	Superficial foreign body of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.458S	Superficial foreign body of other finger, sequela	Diagnosis	ICD-10-CM
S60.459	Superficial foreign body of unspecified finger	Diagnosis	ICD-10-CM
S60.459A	Superficial foreign body of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.459D	Superficial foreign body of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.459S	Superficial foreign body of unspecified finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.46	Insect bite (nonvenomous) of fingers	Diagnosis	ICD-10-CM
S60.460	Insect bite (nonvenomous) of right index finger	Diagnosis	ICD-10-CM
S60.460A	Insect bite (nonvenomous) of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.460D	Insect bite (nonvenomous) of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.460S	Insect bite (nonvenomous) of right index finger, sequela	Diagnosis	ICD-10-CM
S60.461	Insect bite (nonvenomous) of left index finger	Diagnosis	ICD-10-CM
S60.461A	Insect bite (nonvenomous) of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.461D	Insect bite (nonvenomous) of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.461S	Insect bite (nonvenomous) of left index finger, sequela	Diagnosis	ICD-10-CM
S60.462	Insect bite (nonvenomous) of right middle finger	Diagnosis	ICD-10-CM
S60.462A	Insect bite (nonvenomous) of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.462D	Insect bite (nonvenomous) of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.462S	Insect bite (nonvenomous) of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.463	Insect bite (nonvenomous) of left middle finger	Diagnosis	ICD-10-CM
S60.463A	Insect bite (nonvenomous) of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.463D	Insect bite (nonvenomous) of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.463S	Insect bite (nonvenomous) of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.464	Insect bite (nonvenomous) of right ring finger	Diagnosis	ICD-10-CM
S60.464A	Insect bite (nonvenomous) of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.464D	Insect bite (nonvenomous) of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.464S	Insect bite (nonvenomous) of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.465	Insect bite (nonvenomous) of left ring finger	Diagnosis	ICD-10-CM
S60.465A	Insect bite (nonvenomous) of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.465D	Insect bite (nonvenomous) of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.465S	Insect bite (nonvenomous) of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.466	Insect bite (nonvenomous) of right little finger	Diagnosis	ICD-10-CM
S60.466A	Insect bite (nonvenomous) of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.466D	Insect bite (nonvenomous) of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.466S	Insect bite (nonvenomous) of right little finger, sequela	Diagnosis	ICD-10-CM
S60.467	Insect bite (nonvenomous) of left little finger	Diagnosis	ICD-10-CM
S60.467A	Insect bite (nonvenomous) of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.467D	Insect bite (nonvenomous) of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.467S	Insect bite (nonvenomous) of left little finger, sequela	Diagnosis	ICD-10-CM
S60.468	Insect bite (nonvenomous) of other finger	Diagnosis	ICD-10-CM
S60.468A	Insect bite (nonvenomous) of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.468D	Insect bite (nonvenomous) of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.468S	Insect bite (nonvenomous) of other finger, sequela	Diagnosis	ICD-10-CM
S60.469	Insect bite (nonvenomous) of unspecified finger	Diagnosis	ICD-10-CM
S60.469A	Insect bite (nonvenomous) of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.469D	Insect bite (nonvenomous) of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.469S	Insect bite (nonvenomous) of unspecified finger, sequela	Diagnosis	ICD-10-CM
S60.47	Other superficial bite of fingers	Diagnosis	ICD-10-CM
S60.470	Other superficial bite of right index finger	Diagnosis	ICD-10-CM
S60.470A	Other superficial bite of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.470D	Other superficial bite of right index finger, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.470S	Other superficial bite of right index finger, sequela	Diagnosis	ICD-10-CM
S60.471	Other superficial bite of left index finger	Diagnosis	ICD-10-CM
S60.471A	Other superficial bite of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.471D	Other superficial bite of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.471S	Other superficial bite of left index finger, sequela	Diagnosis	ICD-10-CM
S60.472	Other superficial bite of right middle finger	Diagnosis	ICD-10-CM
S60.472A	Other superficial bite of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.472D	Other superficial bite of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.472S	Other superficial bite of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.473	Other superficial bite of left middle finger	Diagnosis	ICD-10-CM
S60.473A	Other superficial bite of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.473D	Other superficial bite of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.473S	Other superficial bite of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.474	Other superficial bite of right ring finger	Diagnosis	ICD-10-CM
S60.474A	Other superficial bite of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.474D	Other superficial bite of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.474S	Other superficial bite of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.475	Other superficial bite of left ring finger	Diagnosis	ICD-10-CM
S60.475A	Other superficial bite of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.475D	Other superficial bite of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.475S	Other superficial bite of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.476	Other superficial bite of right little finger	Diagnosis	ICD-10-CM
S60.476A	Other superficial bite of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.476D	Other superficial bite of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.476S	Other superficial bite of right little finger, sequela	Diagnosis	ICD-10-CM
S60.477	Other superficial bite of left little finger	Diagnosis	ICD-10-CM
S60.477A	Other superficial bite of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.477D	Other superficial bite of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.477S	Other superficial bite of left little finger, sequela	Diagnosis	ICD-10-CM
S60.478	Other superficial bite of other finger	Diagnosis	ICD-10-CM
S60.478A	Other superficial bite of other finger, initial encounter	Diagnosis	ICD-10-CM
S60.478D	Other superficial bite of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.478S	Other superficial bite of other finger, sequela	Diagnosis	ICD-10-CM
S60.479	Other superficial bite of unspecified finger	Diagnosis	ICD-10-CM
S60.479A	Other superficial bite of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.479D	Other superficial bite of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.479S	Other superficial bite of unspecified finger, sequela	Diagnosis	ICD-10-CM
S60.5	Other superficial injuries of hand	Diagnosis	ICD-10-CM
S60.51	Abrasion of hand	Diagnosis	ICD-10-CM
S60.511	Abrasion of right hand	Diagnosis	ICD-10-CM
S60.511A	Abrasion of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.511D	Abrasion of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.511S	Abrasion of right hand, sequela	Diagnosis	ICD-10-CM
S60.512	Abrasion of left hand	Diagnosis	ICD-10-CM
S60.512A	Abrasion of left hand, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.512D	Abrasion of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.512S	Abrasion of left hand, sequela	Diagnosis	ICD-10-CM
S60.519	Abrasion of unspecified hand	Diagnosis	ICD-10-CM
S60.519A	Abrasion of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.519D	Abrasion of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.519S	Abrasion of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.52	Blister (nonthermal) of hand	Diagnosis	ICD-10-CM
S60.521	Blister (nonthermal) of right hand	Diagnosis	ICD-10-CM
S60.521A	Blister (nonthermal) of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.521D	Blister (nonthermal) of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.521S	Blister (nonthermal) of right hand, sequela	Diagnosis	ICD-10-CM
S60.522	Blister (nonthermal) of left hand	Diagnosis	ICD-10-CM
S60.522A	Blister (nonthermal) of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.522D	Blister (nonthermal) of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.522S	Blister (nonthermal) of left hand, sequela	Diagnosis	ICD-10-CM
S60.529	Blister (nonthermal) of unspecified hand	Diagnosis	ICD-10-CM
S60.529A	Blister (nonthermal) of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.529D	Blister (nonthermal) of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.529S	Blister (nonthermal) of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.54	External constriction of hand	Diagnosis	ICD-10-CM
S60.541	External constriction of right hand	Diagnosis	ICD-10-CM
S60.541A	External constriction of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.541D	External constriction of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.541S	External constriction of right hand, sequela	Diagnosis	ICD-10-CM
S60.542	External constriction of left hand	Diagnosis	ICD-10-CM
S60.542A	External constriction of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.542D	External constriction of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.542S	External constriction of left hand, sequela	Diagnosis	ICD-10-CM
S60.549	External constriction of unspecified hand	Diagnosis	ICD-10-CM
S60.549A	External constriction of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.549D	External constriction of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.549S	External constriction of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.55	Superficial foreign body of hand	Diagnosis	ICD-10-CM
S60.551	Superficial foreign body of right hand	Diagnosis	ICD-10-CM
S60.551A	Superficial foreign body of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.551D	Superficial foreign body of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.551S	Superficial foreign body of right hand, sequela	Diagnosis	ICD-10-CM
S60.552	Superficial foreign body of left hand	Diagnosis	ICD-10-CM
S60.552A	Superficial foreign body of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.552D	Superficial foreign body of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.552S	Superficial foreign body of left hand, sequela	Diagnosis	ICD-10-CM
S60.559	Superficial foreign body of unspecified hand	Diagnosis	ICD-10-CM
S60.559A	Superficial foreign body of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.559D	Superficial foreign body of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.559S	Superficial foreign body of unspecified hand, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.56	Insect bite (nonvenomous) of hand	Diagnosis	ICD-10-CM
S60.561	Insect bite (nonvenomous) of right hand	Diagnosis	ICD-10-CM
S60.561A	Insect bite (nonvenomous) of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.561D	Insect bite (nonvenomous) of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.561S	Insect bite (nonvenomous) of right hand, sequela	Diagnosis	ICD-10-CM
S60.562	Insect bite (nonvenomous) of left hand	Diagnosis	ICD-10-CM
S60.562A	Insect bite (nonvenomous) of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.562D	Insect bite (nonvenomous) of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.562S	Insect bite (nonvenomous) of left hand, sequela	Diagnosis	ICD-10-CM
S60.569	Insect bite (nonvenomous) of unspecified hand	Diagnosis	ICD-10-CM
S60.569A	Insect bite (nonvenomous) of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.569D	Insect bite (nonvenomous) of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.569S	Insect bite (nonvenomous) of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.57	Other superficial bite of hand	Diagnosis	ICD-10-CM
S60.571	Other superficial bite of hand of right hand	Diagnosis	ICD-10-CM
S60.571A	Other superficial bite of hand of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.571D	Other superficial bite of hand of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.571S	Other superficial bite of hand of right hand, sequela	Diagnosis	ICD-10-CM
S60.572	Other superficial bite of hand of left hand	Diagnosis	ICD-10-CM
S60.572A	Other superficial bite of hand of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.572D	Other superficial bite of hand of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.572S	Other superficial bite of hand of left hand, sequela	Diagnosis	ICD-10-CM
S60.579	Other superficial bite of hand of unspecified hand	Diagnosis	ICD-10-CM
S60.579A	Other superficial bite of hand of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.579D	Other superficial bite of hand of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.579S	Other superficial bite of hand of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.8	Other superficial injuries of wrist	Diagnosis	ICD-10-CM
S60.81	Abrasion of wrist	Diagnosis	ICD-10-CM
S60.811	Abrasion of right wrist	Diagnosis	ICD-10-CM
S60.811A	Abrasion of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.811D	Abrasion of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.811S	Abrasion of right wrist, sequela	Diagnosis	ICD-10-CM
S60.812	Abrasion of left wrist	Diagnosis	ICD-10-CM
S60.812A	Abrasion of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.812D	Abrasion of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.812S	Abrasion of left wrist, sequela	Diagnosis	ICD-10-CM
S60.819	Abrasion of unspecified wrist	Diagnosis	ICD-10-CM
S60.819A	Abrasion of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.819D	Abrasion of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.819S	Abrasion of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.82	Blister (nonthermal) of wrist	Diagnosis	ICD-10-CM
S60.821	Blister (nonthermal) of right wrist	Diagnosis	ICD-10-CM
S60.821A	Blister (nonthermal) of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.821D	Blister (nonthermal) of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.821S	Blister (nonthermal) of right wrist, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.822	Blister (nonthermal) of left wrist	Diagnosis	ICD-10-CM
S60.822A	Blister (nonthermal) of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.822D	Blister (nonthermal) of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.822S	Blister (nonthermal) of left wrist, sequela	Diagnosis	ICD-10-CM
S60.829	Blister (nonthermal) of unspecified wrist	Diagnosis	ICD-10-CM
S60.829A	Blister (nonthermal) of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.829D	Blister (nonthermal) of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.829S	Blister (nonthermal) of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.84	External constriction of wrist	Diagnosis	ICD-10-CM
S60.841	External constriction of right wrist	Diagnosis	ICD-10-CM
S60.841A	External constriction of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.841D	External constriction of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.841S	External constriction of right wrist, sequela	Diagnosis	ICD-10-CM
S60.842	External constriction of left wrist	Diagnosis	ICD-10-CM
S60.842A	External constriction of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.842D	External constriction of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.842S	External constriction of left wrist, sequela	Diagnosis	ICD-10-CM
S60.849	External constriction of unspecified wrist	Diagnosis	ICD-10-CM
S60.849A	External constriction of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.849D	External constriction of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.849S	External constriction of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.85	Superficial foreign body of wrist	Diagnosis	ICD-10-CM
S60.851	Superficial foreign body of right wrist	Diagnosis	ICD-10-CM
S60.851A	Superficial foreign body of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.851D	Superficial foreign body of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.851S	Superficial foreign body of right wrist, sequela	Diagnosis	ICD-10-CM
S60.852	Superficial foreign body of left wrist	Diagnosis	ICD-10-CM
S60.852A	Superficial foreign body of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.852D	Superficial foreign body of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.852S	Superficial foreign body of left wrist, sequela	Diagnosis	ICD-10-CM
S60.859	Superficial foreign body of unspecified wrist	Diagnosis	ICD-10-CM
S60.859A	Superficial foreign body of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.859D	Superficial foreign body of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.859S	Superficial foreign body of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.86	Insect bite (nonvenomous) of wrist	Diagnosis	ICD-10-CM
S60.861	Insect bite (nonvenomous) of right wrist	Diagnosis	ICD-10-CM
S60.861A	Insect bite (nonvenomous) of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.861D	Insect bite (nonvenomous) of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.861S	Insect bite (nonvenomous) of right wrist, sequela	Diagnosis	ICD-10-CM
S60.862	Insect bite (nonvenomous) of left wrist	Diagnosis	ICD-10-CM
S60.862A	Insect bite (nonvenomous) of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.862D	Insect bite (nonvenomous) of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.862S	Insect bite (nonvenomous) of left wrist, sequela	Diagnosis	ICD-10-CM
S60.869	Insect bite (nonvenomous) of unspecified wrist	Diagnosis	ICD-10-CM
S60.869A	Insect bite (nonvenomous) of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.869D	Insect bite (nonvenomous) of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.869S	Insect bite (nonvenomous) of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.87	Other superficial bite of wrist	Diagnosis	ICD-10-CM
S60.871	Other superficial bite of right wrist	Diagnosis	ICD-10-CM
S60.871A	Other superficial bite of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.871D	Other superficial bite of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.871S	Other superficial bite of right wrist, sequela	Diagnosis	ICD-10-CM
S60.872	Other superficial bite of left wrist	Diagnosis	ICD-10-CM
S60.872A	Other superficial bite of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.872D	Other superficial bite of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.872S	Other superficial bite of left wrist, sequela	Diagnosis	ICD-10-CM
S60.879	Other superficial bite of unspecified wrist	Diagnosis	ICD-10-CM
S60.879A	Other superficial bite of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.879D	Other superficial bite of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.879S	Other superficial bite of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.9	Unspecified superficial injury of wrist, hand and fingers	Diagnosis	ICD-10-CM
S60.91	Unspecified superficial injury of wrist	Diagnosis	ICD-10-CM
S60.911	Unspecified superficial injury of right wrist	Diagnosis	ICD-10-CM
S60.911A	Unspecified superficial injury of right wrist, initial encounter	Diagnosis	ICD-10-CM
S60.911D	Unspecified superficial injury of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.911S	Unspecified superficial injury of right wrist, sequela	Diagnosis	ICD-10-CM
S60.912	Unspecified superficial injury of left wrist	Diagnosis	ICD-10-CM
S60.912A	Unspecified superficial injury of left wrist, initial encounter	Diagnosis	ICD-10-CM
S60.912D	Unspecified superficial injury of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.912S	Unspecified superficial injury of left wrist, sequela	Diagnosis	ICD-10-CM
S60.919	Unspecified superficial injury of unspecified wrist	Diagnosis	ICD-10-CM
S60.919A	Unspecified superficial injury of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S60.919D	Unspecified superficial injury of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S60.919S	Unspecified superficial injury of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S60.92	Unspecified superficial injury of hand	Diagnosis	ICD-10-CM
S60.921	Unspecified superficial injury of right hand	Diagnosis	ICD-10-CM
S60.921A	Unspecified superficial injury of right hand, initial encounter	Diagnosis	ICD-10-CM
S60.921D	Unspecified superficial injury of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.921S	Unspecified superficial injury of right hand, sequela	Diagnosis	ICD-10-CM
S60.922	Unspecified superficial injury of left hand	Diagnosis	ICD-10-CM
S60.922A	Unspecified superficial injury of left hand, initial encounter	Diagnosis	ICD-10-CM
S60.922D	Unspecified superficial injury of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.922S	Unspecified superficial injury of left hand, sequela	Diagnosis	ICD-10-CM
S60.929	Unspecified superficial injury of unspecified hand	Diagnosis	ICD-10-CM
S60.929A	Unspecified superficial injury of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S60.929D	Unspecified superficial injury of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S60.929S	Unspecified superficial injury of unspecified hand, sequela	Diagnosis	ICD-10-CM
S60.93	Unspecified superficial injury of thumb	Diagnosis	ICD-10-CM
S60.931	Unspecified superficial injury of right thumb	Diagnosis	ICD-10-CM
S60.931A	Unspecified superficial injury of right thumb, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S60.931D	Unspecified superficial injury of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.931S	Unspecified superficial injury of right thumb, sequela	Diagnosis	ICD-10-CM
S60.932	Unspecified superficial injury of left thumb	Diagnosis	ICD-10-CM
S60.932A	Unspecified superficial injury of left thumb, initial encounter	Diagnosis	ICD-10-CM
S60.932D	Unspecified superficial injury of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.932S	Unspecified superficial injury of left thumb, sequela	Diagnosis	ICD-10-CM
S60.939	Unspecified superficial injury of unspecified thumb	Diagnosis	ICD-10-CM
S60.939A	Unspecified superficial injury of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S60.939D	Unspecified superficial injury of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S60.939S	Unspecified superficial injury of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S60.94	Unspecified superficial injury of other fingers	Diagnosis	ICD-10-CM
S60.940	Unspecified superficial injury of right index finger	Diagnosis	ICD-10-CM
S60.940A	Unspecified superficial injury of right index finger, initial encounter	Diagnosis	ICD-10-CM
S60.940D	Unspecified superficial injury of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.940S	Unspecified superficial injury of right index finger, sequela	Diagnosis	ICD-10-CM
S60.941	Unspecified superficial injury of left index finger	Diagnosis	ICD-10-CM
S60.941A	Unspecified superficial injury of left index finger, initial encounter	Diagnosis	ICD-10-CM
S60.941D	Unspecified superficial injury of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.941S	Unspecified superficial injury of left index finger, sequela	Diagnosis	ICD-10-CM
S60.942	Unspecified superficial injury of right middle finger	Diagnosis	ICD-10-CM
S60.942A	Unspecified superficial injury of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.942D	Unspecified superficial injury of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.942S	Unspecified superficial injury of right middle finger, sequela	Diagnosis	ICD-10-CM
S60.943	Unspecified superficial injury of left middle finger	Diagnosis	ICD-10-CM
S60.943A	Unspecified superficial injury of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S60.943D	Unspecified superficial injury of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.943S	Unspecified superficial injury of left middle finger, sequela	Diagnosis	ICD-10-CM
S60.944	Unspecified superficial injury of right ring finger	Diagnosis	ICD-10-CM
S60.944A	Unspecified superficial injury of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.944D	Unspecified superficial injury of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.944S	Unspecified superficial injury of right ring finger, sequela	Diagnosis	ICD-10-CM
S60.945	Unspecified superficial injury of left ring finger	Diagnosis	ICD-10-CM
S60.945A	Unspecified superficial injury of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S60.945D	Unspecified superficial injury of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.945S	Unspecified superficial injury of left ring finger, sequela	Diagnosis	ICD-10-CM
S60.946	Unspecified superficial injury of right little finger	Diagnosis	ICD-10-CM
S60.946A	Unspecified superficial injury of right little finger, initial encounter	Diagnosis	ICD-10-CM
S60.946D	Unspecified superficial injury of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.946S	Unspecified superficial injury of right little finger, sequela	Diagnosis	ICD-10-CM
S60.947	Unspecified superficial injury of left little finger	Diagnosis	ICD-10-CM
S60.947A	Unspecified superficial injury of left little finger, initial encounter	Diagnosis	ICD-10-CM
S60.947D	Unspecified superficial injury of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.947S	Unspecified superficial injury of left little finger, sequela	Diagnosis	ICD-10-CM
S60.948	Unspecified superficial injury of other finger	Diagnosis	ICD-10-CM
S60.948A	Unspecified superficial injury of other finger, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S60.948D	Unspecified superficial injury of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.948S	Unspecified superficial injury of other finger, sequela	Diagnosis	ICD-10-CM
S60.949	Unspecified superficial injury of unspecified finger	Diagnosis	ICD-10-CM
S60.949A	Unspecified superficial injury of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S60.949D	Unspecified superficial injury of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S60.949S	Unspecified superficial injury of unspecified finger, sequela	Diagnosis	ICD-10-CM
S61	Open wound of wrist, hand and fingers	Diagnosis	ICD-10-CM
S61.0	Open wound of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.00	Unspecified open wound of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.001	Unspecified open wound of right thumb without damage to nail	Diagnosis	ICD-10-CM
S61.001A	Unspecified open wound of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.001D	Unspecified open wound of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.001S	Unspecified open wound of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.002	Unspecified open wound of left thumb without damage to nail	Diagnosis	ICD-10-CM
S61.002A	Unspecified open wound of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.002D	Unspecified open wound of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.002S	Unspecified open wound of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.009	Unspecified open wound of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S61.009A	Unspecified open wound of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.009D	Unspecified open wound of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.009S	Unspecified open wound of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.01	Laceration without foreign body of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.011	Laceration without foreign body of right thumb without damage to nail	Diagnosis	ICD-10-CM
S61.011A	Laceration without foreign body of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.011D	Laceration without foreign body of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.011S	Laceration without foreign body of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.012	Laceration without foreign body of left thumb without damage to nail	Diagnosis	ICD-10-CM
S61.012A	Laceration without foreign body of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.012D	Laceration without foreign body of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.012S	Laceration without foreign body of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.019	Laceration without foreign body of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S61.019A	Laceration without foreign body of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.019D	Laceration without foreign body of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.019S	Laceration without foreign body of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.02	Laceration with foreign body of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.021	Laceration with foreign body of right thumb without damage to nail	Diagnosis	ICD-10-CM
S61.021A	Laceration with foreign body of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.021D	Laceration with foreign body of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.021S	Laceration with foreign body of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.022	Laceration with foreign body of left thumb without damage to nail	Diagnosis	ICD-10-CM
S61.022A	Laceration with foreign body of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.022D	Laceration with foreign body of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.022S	Laceration with foreign body of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.029	Laceration with foreign body of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S61.029A	Laceration with foreign body of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.029D	Laceration with foreign body of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.029S	Laceration with foreign body of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.03	Puncture wound without foreign body of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.031	Puncture wound without foreign body of right thumb without damage to nail	Diagnosis	ICD-10-CM
S61.031A	Puncture wound without foreign body of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.031D	Puncture wound without foreign body of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.031S	Puncture wound without foreign body of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.032	Puncture wound without foreign body of left thumb without damage to nail	Diagnosis	ICD-10-CM
S61.032A	Puncture wound without foreign body of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.032D	Puncture wound without foreign body of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.032S	Puncture wound without foreign body of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.039	Puncture wound without foreign body of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S61.039A	Puncture wound without foreign body of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.039D	Puncture wound without foreign body of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.039S	Puncture wound without foreign body of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.04	Puncture wound with foreign body of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.041	Puncture wound with foreign body of right thumb without damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.041A	Puncture wound with foreign body of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.041D	Puncture wound with foreign body of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.041S	Puncture wound with foreign body of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.042	Puncture wound with foreign body of left thumb without damage to nail	Diagnosis	ICD-10-CM
S61.042A	Puncture wound with foreign body of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.042D	Puncture wound with foreign body of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.042S	Puncture wound with foreign body of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.049	Puncture wound with foreign body of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S61.049A	Puncture wound with foreign body of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.049D	Puncture wound with foreign body of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.049S	Puncture wound with foreign body of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.05	Open bite of thumb without damage to nail	Diagnosis	ICD-10-CM
S61.051	Open bite of right thumb without damage to nail	Diagnosis	ICD-10-CM
S61.051A	Open bite of right thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.051D	Open bite of right thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.051S	Open bite of right thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.052	Open bite of left thumb without damage to nail	Diagnosis	ICD-10-CM
S61.052A	Open bite of left thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.052D	Open bite of left thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.052S	Open bite of left thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.059	Open bite of unspecified thumb without damage to nail	Diagnosis	ICD-10-CM
S61.059A	Open bite of unspecified thumb without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.059D	Open bite of unspecified thumb without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.059S	Open bite of unspecified thumb without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.1	Open wound of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.10	Unspecified open wound of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.101	Unspecified open wound of right thumb with damage to nail	Diagnosis	ICD-10-CM
S61.101A	Unspecified open wound of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.101D	Unspecified open wound of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.101S	Unspecified open wound of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.102	Unspecified open wound of left thumb with damage to nail	Diagnosis	ICD-10-CM
S61.102A	Unspecified open wound of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.102D	Unspecified open wound of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.102S	Unspecified open wound of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.109	Unspecified open wound of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.109A	Unspecified open wound of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.109D	Unspecified open wound of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.109S	Unspecified open wound of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.11	Laceration without foreign body of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.111	Laceration without foreign body of right thumb with damage to nail	Diagnosis	ICD-10-CM
S61.111A	Laceration without foreign body of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.111D	Laceration without foreign body of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.111S	Laceration without foreign body of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.112	Laceration without foreign body of left thumb with damage to nail	Diagnosis	ICD-10-CM
S61.112A	Laceration without foreign body of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.112D	Laceration without foreign body of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.112S	Laceration without foreign body of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.119	Laceration without foreign body of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM
S61.119A	Laceration without foreign body of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.119D	Laceration without foreign body of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.119S	Laceration without foreign body of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.12	Laceration with foreign body of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.121	Laceration with foreign body of right thumb with damage to nail	Diagnosis	ICD-10-CM
S61.121A	Laceration with foreign body of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.121D	Laceration with foreign body of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.121S	Laceration with foreign body of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.122	Laceration with foreign body of left thumb with damage to nail	Diagnosis	ICD-10-CM
S61.122A	Laceration with foreign body of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.122D	Laceration with foreign body of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.122S	Laceration with foreign body of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.129	Laceration with foreign body of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM
S61.129A	Laceration with foreign body of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.129D	Laceration with foreign body of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.129S	Laceration with foreign body of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.13	Puncture wound without foreign body of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.131	Puncture wound without foreign body of right thumb with damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.131A	Puncture wound without foreign body of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.131D	Puncture wound without foreign body of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.131S	Puncture wound without foreign body of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.132	Puncture wound without foreign body of left thumb with damage to nail	Diagnosis	ICD-10-CM
S61.132A	Puncture wound without foreign body of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.132D	Puncture wound without foreign body of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.132S	Puncture wound without foreign body of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.139	Puncture wound without foreign body of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM
S61.139A	Puncture wound without foreign body of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.139D	Puncture wound without foreign body of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.139S	Puncture wound without foreign body of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.14	Puncture wound with foreign body of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.141	Puncture wound with foreign body of right thumb with damage to nail	Diagnosis	ICD-10-CM
S61.141A	Puncture wound with foreign body of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.141D	Puncture wound with foreign body of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.141S	Puncture wound with foreign body of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.142	Puncture wound with foreign body of left thumb with damage to nail	Diagnosis	ICD-10-CM
S61.142A	Puncture wound with foreign body of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.142D	Puncture wound with foreign body of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.142S	Puncture wound with foreign body of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.149	Puncture wound with foreign body of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM
S61.149A	Puncture wound with foreign body of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.149D	Puncture wound with foreign body of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.149S	Puncture wound with foreign body of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.15	Open bite of thumb with damage to nail	Diagnosis	ICD-10-CM
S61.151	Open bite of right thumb with damage to nail	Diagnosis	ICD-10-CM
S61.151A	Open bite of right thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.151D	Open bite of right thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.151S	Open bite of right thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.152	Open bite of left thumb with damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.152A	Open bite of left thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.152D	Open bite of left thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.152S	Open bite of left thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.159	Open bite of unspecified thumb with damage to nail	Diagnosis	ICD-10-CM
S61.159A	Open bite of unspecified thumb with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.159D	Open bite of unspecified thumb with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.159S	Open bite of unspecified thumb with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.2	Open wound of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.20	Unspecified open wound of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.200	Unspecified open wound of right index finger without damage to nail	Diagnosis	ICD-10-CM
S61.200A	Unspecified open wound of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.200D	Unspecified open wound of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.200S	Unspecified open wound of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.201	Unspecified open wound of left index finger without damage to nail	Diagnosis	ICD-10-CM
S61.201A	Unspecified open wound of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.201D	Unspecified open wound of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.201S	Unspecified open wound of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.202	Unspecified open wound of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.202A	Unspecified open wound of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.202D	Unspecified open wound of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.202S	Unspecified open wound of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.203	Unspecified open wound of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.203A	Unspecified open wound of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.203D	Unspecified open wound of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.203S	Unspecified open wound of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.204	Unspecified open wound of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.204A	Unspecified open wound of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.204D	Unspecified open wound of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.204S	Unspecified open wound of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.205	Unspecified open wound of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.205A	Unspecified open wound of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.205D	Unspecified open wound of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.205S	Unspecified open wound of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.206	Unspecified open wound of right little finger without damage to nail	Diagnosis	ICD-10-CM
S61.206A	Unspecified open wound of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.206D	Unspecified open wound of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.206S	Unspecified open wound of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.207	Unspecified open wound of left little finger without damage to nail	Diagnosis	ICD-10-CM
S61.207A	Unspecified open wound of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.207D	Unspecified open wound of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.207S	Unspecified open wound of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.208	Unspecified open wound of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.208A	Unspecified open wound of other finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.208D	Unspecified open wound of other finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.208S	Unspecified open wound of other finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.209	Unspecified open wound of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S61.209A	Unspecified open wound of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.209D	Unspecified open wound of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.209S	Unspecified open wound of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.21	Laceration without foreign body of finger without damage to nail	Diagnosis	ICD-10-CM
S61.210	Laceration without foreign body of right index finger without damage to nail	Diagnosis	ICD-10-CM
S61.210A	Laceration without foreign body of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.210D	Laceration without foreign body of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.210S	Laceration without foreign body of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.211	Laceration without foreign body of left index finger without damage to nail	Diagnosis	ICD-10-CM
S61.211A	Laceration without foreign body of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.211D	Laceration without foreign body of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.211S	Laceration without foreign body of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.212	Laceration without foreign body of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.212A	Laceration without foreign body of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.212D	Laceration without foreign body of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.212S	Laceration without foreign body of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.213	Laceration without foreign body of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.213A	Laceration without foreign body of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.213D	Laceration without foreign body of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.213S	Laceration without foreign body of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.214	Laceration without foreign body of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.214A	Laceration without foreign body of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.214D	Laceration without foreign body of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.214S	Laceration without foreign body of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.215	Laceration without foreign body of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.215A	Laceration without foreign body of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.215D	Laceration without foreign body of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.215S	Laceration without foreign body of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.216	Laceration without foreign body of right little finger without damage to nail	Diagnosis	ICD-10-CM
S61.216A	Laceration without foreign body of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.216D	Laceration without foreign body of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.216S	Laceration without foreign body of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.217	Laceration without foreign body of left little finger without damage to nail	Diagnosis	ICD-10-CM
S61.217A	Laceration without foreign body of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.217D	Laceration without foreign body of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.217S	Laceration without foreign body of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.218	Laceration without foreign body of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.218A	Laceration without foreign body of other finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.218D	Laceration without foreign body of other finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.218S	Laceration without foreign body of other finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.219	Laceration without foreign body of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S61.219A	Laceration without foreign body of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.219D	Laceration without foreign body of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.219S	Laceration without foreign body of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.22	Laceration with foreign body of finger without damage to nail	Diagnosis	ICD-10-CM
S61.220	Laceration with foreign body of right index finger without damage to nail	Diagnosis	ICD-10-CM
S61.220A	Laceration with foreign body of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.220D	Laceration with foreign body of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.220S	Laceration with foreign body of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.221	Laceration with foreign body of left index finger without damage to nail	Diagnosis	ICD-10-CM
S61.221A	Laceration with foreign body of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.221D	Laceration with foreign body of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.221S	Laceration with foreign body of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.222	Laceration with foreign body of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.222A	Laceration with foreign body of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.222D	Laceration with foreign body of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.222S	Laceration with foreign body of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.223	Laceration with foreign body of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.223A	Laceration with foreign body of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.223D	Laceration with foreign body of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.223S	Laceration with foreign body of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.224	Laceration with foreign body of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.224A	Laceration with foreign body of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.224D	Laceration with foreign body of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.224S	Laceration with foreign body of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.225	Laceration with foreign body of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.225A	Laceration with foreign body of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.225D	Laceration with foreign body of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.225S	Laceration with foreign body of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.226	Laceration with foreign body of right little finger without damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.226A	Laceration with foreign body of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.226D	Laceration with foreign body of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.226S	Laceration with foreign body of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.227	Laceration with foreign body of left little finger without damage to nail	Diagnosis	ICD-10-CM
S61.227A	Laceration with foreign body of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.227D	Laceration with foreign body of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.227S	Laceration with foreign body of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.228	Laceration with foreign body of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.228A	Laceration with foreign body of other finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.228D	Laceration with foreign body of other finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.228S	Laceration with foreign body of other finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.229	Laceration with foreign body of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S61.229A	Laceration with foreign body of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.229D	Laceration with foreign body of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.229S	Laceration with foreign body of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.23	Puncture wound without foreign body of finger without damage to nail	Diagnosis	ICD-10-CM
S61.230	Puncture wound without foreign body of right index finger without damage to nail	Diagnosis	ICD-10-CM
S61.230A	Puncture wound without foreign body of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.230D	Puncture wound without foreign body of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.230S	Puncture wound without foreign body of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.231	Puncture wound without foreign body of left index finger without damage to nail	Diagnosis	ICD-10-CM
S61.231A	Puncture wound without foreign body of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.231D	Puncture wound without foreign body of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.231S	Puncture wound without foreign body of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.232	Puncture wound without foreign body of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.232A	Puncture wound without foreign body of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.232D	Puncture wound without foreign body of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.232S	Puncture wound without foreign body of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.233	Puncture wound without foreign body of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.233A	Puncture wound without foreign body of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.233D	Puncture wound without foreign body of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.233S	Puncture wound without foreign body of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.234	Puncture wound without foreign body of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.234A	Puncture wound without foreign body of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.234D	Puncture wound without foreign body of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.234S	Puncture wound without foreign body of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.235	Puncture wound without foreign body of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.235A	Puncture wound without foreign body of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.235D	Puncture wound without foreign body of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.235S	Puncture wound without foreign body of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.236	Puncture wound without foreign body of right little finger without damage to nail	Diagnosis	ICD-10-CM
S61.236A	Puncture wound without foreign body of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.236D	Puncture wound without foreign body of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.236S	Puncture wound without foreign body of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.237	Puncture wound without foreign body of left little finger without damage to nail	Diagnosis	ICD-10-CM
S61.237A	Puncture wound without foreign body of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.237D	Puncture wound without foreign body of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.237S	Puncture wound without foreign body of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.238	Puncture wound without foreign body of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.238A	Puncture wound without foreign body of other finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.238D	Puncture wound without foreign body of other finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.238S	Puncture wound without foreign body of other finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.239	Puncture wound without foreign body of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S61.239A	Puncture wound without foreign body of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.239D	Puncture wound without foreign body of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.239S	Puncture wound without foreign body of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.24	Puncture wound with foreign body of finger without damage to nail	Diagnosis	ICD-10-CM
S61.240	Puncture wound with foreign body of right index finger without damage to nail	Diagnosis	ICD-10-CM
S61.240A	Puncture wound with foreign body of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.240D	Puncture wound with foreign body of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.240S	Puncture wound with foreign body of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.241	Puncture wound with foreign body of left index finger without damage to nail	Diagnosis	ICD-10-CM
S61.241A	Puncture wound with foreign body of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.241D	Puncture wound with foreign body of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.241S	Puncture wound with foreign body of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.242	Puncture wound with foreign body of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.242A	Puncture wound with foreign body of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.242D	Puncture wound with foreign body of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.242S	Puncture wound with foreign body of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.243	Puncture wound with foreign body of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.243A	Puncture wound with foreign body of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.243D	Puncture wound with foreign body of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.243S	Puncture wound with foreign body of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.244	Puncture wound with foreign body of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.244A	Puncture wound with foreign body of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.244D	Puncture wound with foreign body of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.244S	Puncture wound with foreign body of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.245	Puncture wound with foreign body of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.245A	Puncture wound with foreign body of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.245D	Puncture wound with foreign body of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.245S	Puncture wound with foreign body of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.246	Puncture wound with foreign body of right little finger without damage to nail	Diagnosis	ICD-10-CM
S61.246A	Puncture wound with foreign body of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.246D	Puncture wound with foreign body of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.246S	Puncture wound with foreign body of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.247	Puncture wound with foreign body of left little finger without damage to nail	Diagnosis	ICD-10-CM
S61.247A	Puncture wound with foreign body of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.247D	Puncture wound with foreign body of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.247S	Puncture wound with foreign body of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.248	Puncture wound with foreign body of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.248A	Puncture wound with foreign body of other finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.248D	Puncture wound with foreign body of other finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.248S	Puncture wound with foreign body of other finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.249	Puncture wound with foreign body of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S61.249A	Puncture wound with foreign body of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.249D	Puncture wound with foreign body of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.249S	Puncture wound with foreign body of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.25	Open bite of finger without damage to nail	Diagnosis	ICD-10-CM
S61.250	Open bite of right index finger without damage to nail	Diagnosis	ICD-10-CM
S61.250A	Open bite of right index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.250D	Open bite of right index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.250S	Open bite of right index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.251	Open bite of left index finger without damage to nail	Diagnosis	ICD-10-CM
S61.251A	Open bite of left index finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.251D	Open bite of left index finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.251S	Open bite of left index finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.252	Open bite of right middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.252A	Open bite of right middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.252D	Open bite of right middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.252S	Open bite of right middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.253	Open bite of left middle finger without damage to nail	Diagnosis	ICD-10-CM
S61.253A	Open bite of left middle finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.253D	Open bite of left middle finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.253S	Open bite of left middle finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.254	Open bite of right ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.254A	Open bite of right ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.254D	Open bite of right ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.254S	Open bite of right ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.255	Open bite of left ring finger without damage to nail	Diagnosis	ICD-10-CM
S61.255A	Open bite of left ring finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.255D	Open bite of left ring finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.255S	Open bite of left ring finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.256	Open bite of right little finger without damage to nail	Diagnosis	ICD-10-CM
S61.256A	Open bite of right little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.256D	Open bite of right little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.256S	Open bite of right little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.257	Open bite of left little finger without damage to nail	Diagnosis	ICD-10-CM
S61.257A	Open bite of left little finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.257D	Open bite of left little finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.257S	Open bite of left little finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.258	Open bite of other finger without damage to nail	Diagnosis	ICD-10-CM
S61.258A	Open bite of other finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.258D	Open bite of other finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.258S	Open bite of other finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.259	Open bite of unspecified finger without damage to nail	Diagnosis	ICD-10-CM
S61.259A	Open bite of unspecified finger without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.259D	Open bite of unspecified finger without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.259S	Open bite of unspecified finger without damage to nail, sequela	Diagnosis	ICD-10-CM
S61.3	Open wound of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.30	Unspecified open wound of finger with damage to nail	Diagnosis	ICD-10-CM
S61.300	Unspecified open wound of right index finger with damage to nail	Diagnosis	ICD-10-CM
S61.300A	Unspecified open wound of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.300D	Unspecified open wound of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.300S	Unspecified open wound of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.301	Unspecified open wound of left index finger with damage to nail	Diagnosis	ICD-10-CM
S61.301A	Unspecified open wound of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.301D	Unspecified open wound of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.301S	Unspecified open wound of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.302	Unspecified open wound of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.302A	Unspecified open wound of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.302D	Unspecified open wound of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.302S	Unspecified open wound of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.303	Unspecified open wound of left middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.303A	Unspecified open wound of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.303D	Unspecified open wound of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.303S	Unspecified open wound of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.304	Unspecified open wound of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.304A	Unspecified open wound of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.304D	Unspecified open wound of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.304S	Unspecified open wound of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.305	Unspecified open wound of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.305A	Unspecified open wound of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.305D	Unspecified open wound of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.305S	Unspecified open wound of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.306	Unspecified open wound of right little finger with damage to nail	Diagnosis	ICD-10-CM
S61.306A	Unspecified open wound of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.306D	Unspecified open wound of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.306S	Unspecified open wound of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.307	Unspecified open wound of left little finger with damage to nail	Diagnosis	ICD-10-CM
S61.307A	Unspecified open wound of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.307D	Unspecified open wound of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.307S	Unspecified open wound of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.308	Unspecified open wound of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.308A	Unspecified open wound of other finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.308D	Unspecified open wound of other finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.308S	Unspecified open wound of other finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.309	Unspecified open wound of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S61.309A	Unspecified open wound of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.309D	Unspecified open wound of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.309S	Unspecified open wound of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.31	Laceration without foreign body of finger with damage to nail	Diagnosis	ICD-10-CM
S61.310	Laceration without foreign body of right index finger with damage to nail	Diagnosis	ICD-10-CM
S61.310A	Laceration without foreign body of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.310D	Laceration without foreign body of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.310S	Laceration without foreign body of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.311	Laceration without foreign body of left index finger with damage to nail	Diagnosis	ICD-10-CM
S61.311A	Laceration without foreign body of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.311D	Laceration without foreign body of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.311S	Laceration without foreign body of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.312	Laceration without foreign body of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.312A	Laceration without foreign body of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.312D	Laceration without foreign body of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.312S	Laceration without foreign body of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.313	Laceration without foreign body of left middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.313A	Laceration without foreign body of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.313D	Laceration without foreign body of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.313S	Laceration without foreign body of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.314	Laceration without foreign body of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.314A	Laceration without foreign body of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.314D	Laceration without foreign body of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.314S	Laceration without foreign body of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.315	Laceration without foreign body of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.315A	Laceration without foreign body of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.315D	Laceration without foreign body of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.315S	Laceration without foreign body of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.316	Laceration without foreign body of right little finger with damage to nail	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.316A	Laceration without foreign body of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.316D	Laceration without foreign body of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.316S	Laceration without foreign body of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.317	Laceration without foreign body of left little finger with damage to nail	Diagnosis	ICD-10-CM
S61.317A	Laceration without foreign body of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.317D	Laceration without foreign body of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.317S	Laceration without foreign body of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.318	Laceration without foreign body of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.318A	Laceration without foreign body of other finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.318D	Laceration without foreign body of other finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.318S	Laceration without foreign body of other finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.319	Laceration without foreign body of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S61.319A	Laceration without foreign body of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.319D	Laceration without foreign body of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.319S	Laceration without foreign body of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.32	Laceration with foreign body of finger with damage to nail	Diagnosis	ICD-10-CM
S61.320	Laceration with foreign body of right index finger with damage to nail	Diagnosis	ICD-10-CM
S61.320A	Laceration with foreign body of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.320D	Laceration with foreign body of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.320S	Laceration with foreign body of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.321	Laceration with foreign body of left index finger with damage to nail	Diagnosis	ICD-10-CM
S61.321A	Laceration with foreign body of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.321D	Laceration with foreign body of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.321S	Laceration with foreign body of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.322	Laceration with foreign body of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.322A	Laceration with foreign body of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.322D	Laceration with foreign body of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.322S	Laceration with foreign body of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.323	Laceration with foreign body of left middle finger with damage to nail	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.323A	Laceration with foreign body of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.323D	Laceration with foreign body of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.323S	Laceration with foreign body of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.324	Laceration with foreign body of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.324A	Laceration with foreign body of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.324D	Laceration with foreign body of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.324S	Laceration with foreign body of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.325	Laceration with foreign body of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.325A	Laceration with foreign body of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.325D	Laceration with foreign body of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.325S	Laceration with foreign body of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.326	Laceration with foreign body of right little finger with damage to nail	Diagnosis	ICD-10-CM
S61.326A	Laceration with foreign body of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.326D	Laceration with foreign body of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.326S	Laceration with foreign body of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.327	Laceration with foreign body of left little finger with damage to nail	Diagnosis	ICD-10-CM
S61.327A	Laceration with foreign body of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.327D	Laceration with foreign body of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.327S	Laceration with foreign body of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.328	Laceration with foreign body of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.328A	Laceration with foreign body of other finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.328D	Laceration with foreign body of other finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.328S	Laceration with foreign body of other finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.329	Laceration with foreign body of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S61.329A	Laceration with foreign body of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.329D	Laceration with foreign body of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.329S	Laceration with foreign body of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.33	Puncture wound without foreign body of finger with damage to nail	Diagnosis	ICD-10-CM
S61.330	Puncture wound without foreign body of right index finger with damage to nail	Diagnosis	ICD-10-CM
S61.330A	Puncture wound without foreign body of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.330D	Puncture wound without foreign body of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.330S	Puncture wound without foreign body of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.331	Puncture wound without foreign body of left index finger with damage to nail	Diagnosis	ICD-10-CM
S61.331A	Puncture wound without foreign body of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.331D	Puncture wound without foreign body of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.331S	Puncture wound without foreign body of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.332	Puncture wound without foreign body of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.332A	Puncture wound without foreign body of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.332D	Puncture wound without foreign body of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.332S	Puncture wound without foreign body of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.333	Puncture wound without foreign body of left middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.333A	Puncture wound without foreign body of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.333D	Puncture wound without foreign body of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.333S	Puncture wound without foreign body of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.334	Puncture wound without foreign body of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.334A	Puncture wound without foreign body of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.334D	Puncture wound without foreign body of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.334S	Puncture wound without foreign body of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.335	Puncture wound without foreign body of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.335A	Puncture wound without foreign body of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.335D	Puncture wound without foreign body of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.335S	Puncture wound without foreign body of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.336	Puncture wound without foreign body of right little finger with damage to nail	Diagnosis	ICD-10-CM
S61.336A	Puncture wound without foreign body of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.336D	Puncture wound without foreign body of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.336S	Puncture wound without foreign body of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.337	Puncture wound without foreign body of left little finger with damage to nail	Diagnosis	ICD-10-CM
S61.337A	Puncture wound without foreign body of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.337D	Puncture wound without foreign body of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.337S	Puncture wound without foreign body of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.338	Puncture wound without foreign body of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.338A	Puncture wound without foreign body of other finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.338D	Puncture wound without foreign body of other finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.338S	Puncture wound without foreign body of other finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.339	Puncture wound without foreign body of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S61.339A	Puncture wound without foreign body of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.339D	Puncture wound without foreign body of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.339S	Puncture wound without foreign body of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.34	Puncture wound with foreign body of finger with damage to nail	Diagnosis	ICD-10-CM
S61.340	Puncture wound with foreign body of right index finger with damage to nail	Diagnosis	ICD-10-CM
S61.340A	Puncture wound with foreign body of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.340D	Puncture wound with foreign body of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.340S	Puncture wound with foreign body of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.341	Puncture wound with foreign body of left index finger with damage to nail	Diagnosis	ICD-10-CM
S61.341A	Puncture wound with foreign body of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.341D	Puncture wound with foreign body of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.341S	Puncture wound with foreign body of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.342	Puncture wound with foreign body of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.342A	Puncture wound with foreign body of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.342D	Puncture wound with foreign body of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.342S	Puncture wound with foreign body of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.343	Puncture wound with foreign body of left middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.343A	Puncture wound with foreign body of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.343D	Puncture wound with foreign body of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.343S	Puncture wound with foreign body of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.344	Puncture wound with foreign body of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.344A	Puncture wound with foreign body of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.344D	Puncture wound with foreign body of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.344S	Puncture wound with foreign body of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.345	Puncture wound with foreign body of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.345A	Puncture wound with foreign body of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.345D	Puncture wound with foreign body of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.345S	Puncture wound with foreign body of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.346	Puncture wound with foreign body of right little finger with damage to nail	Diagnosis	ICD-10-CM
S61.346A	Puncture wound with foreign body of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.346D	Puncture wound with foreign body of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.346S	Puncture wound with foreign body of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.347	Puncture wound with foreign body of left little finger with damage to nail	Diagnosis	ICD-10-CM
S61.347A	Puncture wound with foreign body of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.347D	Puncture wound with foreign body of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.347S	Puncture wound with foreign body of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.348	Puncture wound with foreign body of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.348A	Puncture wound with foreign body of other finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.348D	Puncture wound with foreign body of other finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.348S	Puncture wound with foreign body of other finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.349	Puncture wound with foreign body of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S61.349A	Puncture wound with foreign body of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.349D	Puncture wound with foreign body of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.349S	Puncture wound with foreign body of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.35	Open bite of finger with damage to nail	Diagnosis	ICD-10-CM
S61.350	Open bite of right index finger with damage to nail	Diagnosis	ICD-10-CM
S61.350A	Open bite of right index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.350D	Open bite of right index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.350S	Open bite of right index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.351	Open bite of left index finger with damage to nail	Diagnosis	ICD-10-CM
S61.351A	Open bite of left index finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.351D	Open bite of left index finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.351S	Open bite of left index finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.352	Open bite of right middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.352A	Open bite of right middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.352D	Open bite of right middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.352S	Open bite of right middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.353	Open bite of left middle finger with damage to nail	Diagnosis	ICD-10-CM
S61.353A	Open bite of left middle finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.353D	Open bite of left middle finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.353S	Open bite of left middle finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.354	Open bite of right ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.354A	Open bite of right ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.354D	Open bite of right ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.354S	Open bite of right ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.355	Open bite of left ring finger with damage to nail	Diagnosis	ICD-10-CM
S61.355A	Open bite of left ring finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.355D	Open bite of left ring finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.355S	Open bite of left ring finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.356	Open bite of right little finger with damage to nail	Diagnosis	ICD-10-CM
S61.356A	Open bite of right little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.356D	Open bite of right little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.356S	Open bite of right little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.357	Open bite of left little finger with damage to nail	Diagnosis	ICD-10-CM
S61.357A	Open bite of left little finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.357D	Open bite of left little finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.357S	Open bite of left little finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.358	Open bite of other finger with damage to nail	Diagnosis	ICD-10-CM
S61.358A	Open bite of other finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.358D	Open bite of other finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.358S	Open bite of other finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.359	Open bite of unspecified finger with damage to nail	Diagnosis	ICD-10-CM
S61.359A	Open bite of unspecified finger with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S61.359D	Open bite of unspecified finger with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S61.359S	Open bite of unspecified finger with damage to nail, sequela	Diagnosis	ICD-10-CM
S61.4	Open wound of hand	Diagnosis	ICD-10-CM
S61.40	Unspecified open wound of hand	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.401	Unspecified open wound of right hand	Diagnosis	ICD-10-CM
S61.401A	Unspecified open wound of right hand, initial encounter	Diagnosis	ICD-10-CM
S61.401D	Unspecified open wound of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.401S	Unspecified open wound of right hand, sequela	Diagnosis	ICD-10-CM
S61.402	Unspecified open wound of left hand	Diagnosis	ICD-10-CM
S61.402A	Unspecified open wound of left hand, initial encounter	Diagnosis	ICD-10-CM
S61.402D	Unspecified open wound of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.402S	Unspecified open wound of left hand, sequela	Diagnosis	ICD-10-CM
S61.409	Unspecified open wound of unspecified hand	Diagnosis	ICD-10-CM
S61.409A	Unspecified open wound of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S61.409D	Unspecified open wound of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.409S	Unspecified open wound of unspecified hand, sequela	Diagnosis	ICD-10-CM
S61.41	Laceration without foreign body of hand	Diagnosis	ICD-10-CM
S61.411	Laceration without foreign body of right hand	Diagnosis	ICD-10-CM
S61.411A	Laceration without foreign body of right hand, initial encounter	Diagnosis	ICD-10-CM
S61.411D	Laceration without foreign body of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.411S	Laceration without foreign body of right hand, sequela	Diagnosis	ICD-10-CM
S61.412	Laceration without foreign body of left hand	Diagnosis	ICD-10-CM
S61.412A	Laceration without foreign body of left hand, initial encounter	Diagnosis	ICD-10-CM
S61.412D	Laceration without foreign body of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.412S	Laceration without foreign body of left hand, sequela	Diagnosis	ICD-10-CM
S61.419	Laceration without foreign body of unspecified hand	Diagnosis	ICD-10-CM
S61.419A	Laceration without foreign body of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S61.419D	Laceration without foreign body of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.419S	Laceration without foreign body of unspecified hand, sequela	Diagnosis	ICD-10-CM
S61.42	Laceration with foreign body of hand	Diagnosis	ICD-10-CM
S61.421	Laceration with foreign body of right hand	Diagnosis	ICD-10-CM
S61.421A	Laceration with foreign body of right hand, initial encounter	Diagnosis	ICD-10-CM
S61.421D	Laceration with foreign body of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.421S	Laceration with foreign body of right hand, sequela	Diagnosis	ICD-10-CM
S61.422	Laceration with foreign body of left hand	Diagnosis	ICD-10-CM
S61.422A	Laceration with foreign body of left hand, initial encounter	Diagnosis	ICD-10-CM
S61.422D	Laceration with foreign body of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.422S	Laceration with foreign body of left hand, sequela	Diagnosis	ICD-10-CM
S61.429	Laceration with foreign body of unspecified hand	Diagnosis	ICD-10-CM
S61.429A	Laceration with foreign body of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S61.429D	Laceration with foreign body of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.429S	Laceration with foreign body of unspecified hand, sequela	Diagnosis	ICD-10-CM
S61.43	Puncture wound without foreign body of hand	Diagnosis	ICD-10-CM
S61.431	Puncture wound without foreign body of right hand	Diagnosis	ICD-10-CM
S61.431A	Puncture wound without foreign body of right hand, initial encounter	Diagnosis	ICD-10-CM
S61.431D	Puncture wound without foreign body of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.431S	Puncture wound without foreign body of right hand, sequela	Diagnosis	ICD-10-CM
S61.432	Puncture wound without foreign body of left hand	Diagnosis	ICD-10-CM
S61.432A	Puncture wound without foreign body of left hand, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S61.432D	Puncture wound without foreign body of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.432S	Puncture wound without foreign body of left hand, sequela	Diagnosis	ICD-10-CM
S61.439	Puncture wound without foreign body of unspecified hand	Diagnosis	ICD-10-CM
S61.439A	Puncture wound without foreign body of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S61.439D	Puncture wound without foreign body of unspecified hand, subsequent	Diagnosis	ICD-10-CM
S61.439S	Puncture wound without foreign body of unspecified hand, sequela	Diagnosis	ICD-10-CM
S61.44	Puncture wound with foreign body of hand	Diagnosis	ICD-10-CM
S61.441	Puncture wound with foreign body of right hand	Diagnosis	ICD-10-CM
S61.441A	Puncture wound with foreign body of right hand, initial encounter	Diagnosis	ICD-10-CM
S61.441D	Puncture wound with foreign body of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.441S	Puncture wound with foreign body of right hand, sequela	Diagnosis	ICD-10-CM
S61.442	Puncture wound with foreign body of left hand	Diagnosis	ICD-10-CM
S61.442A	Puncture wound with foreign body of left hand, initial encounter	Diagnosis	ICD-10-CM
S61.442D	Puncture wound with foreign body of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.442S	Puncture wound with foreign body of left hand, sequela	Diagnosis	ICD-10-CM
S61.449	Puncture wound with foreign body of unspecified hand	Diagnosis	ICD-10-CM
S61.449A	Puncture wound with foreign body of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S61.449D	Puncture wound with foreign body of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.449S	Puncture wound with foreign body of unspecified hand, sequela	Diagnosis	ICD-10-CM
S61.45	Open bite of hand	Diagnosis	ICD-10-CM
S61.451	Open bite of right hand	Diagnosis	ICD-10-CM
S61.451A	Open bite of right hand, initial encounter	Diagnosis	ICD-10-CM
S61.451D	Open bite of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.451S	Open bite of right hand, sequela	Diagnosis	ICD-10-CM
S61.452	Open bite of left hand	Diagnosis	ICD-10-CM
S61.452A	Open bite of left hand, initial encounter	Diagnosis	ICD-10-CM
S61.452D	Open bite of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.452S	Open bite of left hand, sequela	Diagnosis	ICD-10-CM
S61.459	Open bite of unspecified hand	Diagnosis	ICD-10-CM
S61.459A	Open bite of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S61.459D	Open bite of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S61.459S	Open bite of unspecified hand, sequela	Diagnosis	ICD-10-CM
S61.5	Open wound of wrist	Diagnosis	ICD-10-CM
S61.50	Unspecified open wound of wrist	Diagnosis	ICD-10-CM
S61.501	Unspecified open wound of right wrist	Diagnosis	ICD-10-CM
S61.501A	Unspecified open wound of right wrist, initial encounter	Diagnosis	ICD-10-CM
S61.501D	Unspecified open wound of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.501S	Unspecified open wound of right wrist, sequela	Diagnosis	ICD-10-CM
S61.502	Unspecified open wound of left wrist	Diagnosis	ICD-10-CM
S61.502A	Unspecified open wound of left wrist, initial encounter	Diagnosis	ICD-10-CM
S61.502D	Unspecified open wound of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.502S	Unspecified open wound of left wrist, sequela	Diagnosis	ICD-10-CM
S61.509	Unspecified open wound of unspecified wrist	Diagnosis	ICD-10-CM
S61.509A	Unspecified open wound of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S61.509D	Unspecified open wound of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.509S	Unspecified open wound of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S61.51	Laceration without foreign body of wrist	Diagnosis	ICD-10-CM
S61.511	Laceration without foreign body of right wrist	Diagnosis	ICD-10-CM
S61.511A	Laceration without foreign body of right wrist, initial encounter	Diagnosis	ICD-10-CM
S61.511D	Laceration without foreign body of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.511S	Laceration without foreign body of right wrist, sequela	Diagnosis	ICD-10-CM
S61.512	Laceration without foreign body of left wrist	Diagnosis	ICD-10-CM
S61.512A	Laceration without foreign body of left wrist, initial encounter	Diagnosis	ICD-10-CM
S61.512D	Laceration without foreign body of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.512S	Laceration without foreign body of left wrist, sequela	Diagnosis	ICD-10-CM
S61.519	Laceration without foreign body of unspecified wrist	Diagnosis	ICD-10-CM
S61.519A	Laceration without foreign body of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S61.519D	Laceration without foreign body of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.519S	Laceration without foreign body of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S61.52	Laceration with foreign body of wrist	Diagnosis	ICD-10-CM
S61.521	Laceration with foreign body of right wrist	Diagnosis	ICD-10-CM
S61.521A	Laceration with foreign body of right wrist, initial encounter	Diagnosis	ICD-10-CM
S61.521D	Laceration with foreign body of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.521S	Laceration with foreign body of right wrist, sequela	Diagnosis	ICD-10-CM
S61.522	Laceration with foreign body of left wrist	Diagnosis	ICD-10-CM
S61.522A	Laceration with foreign body of left wrist, initial encounter	Diagnosis	ICD-10-CM
S61.522D	Laceration with foreign body of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.522S	Laceration with foreign body of left wrist, sequela	Diagnosis	ICD-10-CM
S61.529	Laceration with foreign body of unspecified wrist	Diagnosis	ICD-10-CM
S61.529A	Laceration with foreign body of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S61.529D	Laceration with foreign body of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.529S	Laceration with foreign body of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S61.53	Puncture wound without foreign body of wrist	Diagnosis	ICD-10-CM
S61.531	Puncture wound without foreign body of right wrist	Diagnosis	ICD-10-CM
S61.531A	Puncture wound without foreign body of right wrist, initial encounter	Diagnosis	ICD-10-CM
S61.531D	Puncture wound without foreign body of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.531S	Puncture wound without foreign body of right wrist, sequela	Diagnosis	ICD-10-CM
S61.532	Puncture wound without foreign body of left wrist	Diagnosis	ICD-10-CM
S61.532A	Puncture wound without foreign body of left wrist, initial encounter	Diagnosis	ICD-10-CM
S61.532D	Puncture wound without foreign body of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.532S	Puncture wound without foreign body of left wrist, sequela	Diagnosis	ICD-10-CM
S61.539	Puncture wound without foreign body of unspecified wrist	Diagnosis	ICD-10-CM
S61.539A	Puncture wound without foreign body of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S61.539D	Puncture wound without foreign body of unspecified wrist, subsequent	Diagnosis	ICD-10-CM
S61.539S	Puncture wound without foreign body of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S61.54	Puncture wound with foreign body of wrist	Diagnosis	ICD-10-CM
S61.541	Puncture wound with foreign body of right wrist	Diagnosis	ICD-10-CM
S61.541A	Puncture wound with foreign body of right wrist, initial encounter	Diagnosis	ICD-10-CM
S61.541D	Puncture wound with foreign body of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.541S	Puncture wound with foreign body of right wrist, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S61.542	Puncture wound with foreign body of left wrist	Diagnosis	ICD-10-CM
S61.542A	Puncture wound with foreign body of left wrist, initial encounter	Diagnosis	ICD-10-CM
S61.542D	Puncture wound with foreign body of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.542S	Puncture wound with foreign body of left wrist, sequela	Diagnosis	ICD-10-CM
S61.549	Puncture wound with foreign body of unspecified wrist	Diagnosis	ICD-10-CM
S61.549A	Puncture wound with foreign body of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S61.549D	Puncture wound with foreign body of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.549S	Puncture wound with foreign body of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S61.55	Open bite of wrist	Diagnosis	ICD-10-CM
S61.551	Open bite of right wrist	Diagnosis	ICD-10-CM
S61.551A	Open bite of right wrist, initial encounter	Diagnosis	ICD-10-CM
S61.551D	Open bite of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.551S	Open bite of right wrist, sequela	Diagnosis	ICD-10-CM
S61.552	Open bite of left wrist	Diagnosis	ICD-10-CM
S61.552A	Open bite of left wrist, initial encounter	Diagnosis	ICD-10-CM
S61.552D	Open bite of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.552S	Open bite of left wrist, sequela	Diagnosis	ICD-10-CM
S61.559	Open bite of unspecified wrist	Diagnosis	ICD-10-CM
S61.559A	Open bite of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S61.559D	Open bite of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S61.559S	Open bite of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62	Fracture at wrist and hand level	Diagnosis	ICD-10-CM
S62.0	Fracture of navicular [scaphoid] bone of wrist	Diagnosis	ICD-10-CM
S62.00	Unspecified fracture of navicular [scaphoid] bone of wrist	Diagnosis	ICD-10-CM
S62.001	Unspecified fracture of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.001A	Unspecified fracture of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.001B	Unspecified fracture of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.001D	Unspecified fracture of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.001G	Unspecified fracture of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.001K	Unspecified fracture of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.001P	Unspecified fracture of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.001S	Unspecified fracture of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.002	Unspecified fracture of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM
S62.002A	Unspecified fracture of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.002B	Unspecified fracture of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.002D	Unspecified fracture of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.002G	Unspecified fracture of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.002K	Unspecified fracture of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.002P	Unspecified fracture of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.002S	Unspecified fracture of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.009	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.009A	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.009B	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.009D	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.009G	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.009K	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.009P	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.009S	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.01	Fracture of distal pole of navicular [scaphoid] bone of wrist	Diagnosis	ICD-10-CM
S62.011	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.011A	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.011B	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.011D	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.011G	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.011K	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.011P	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.011S	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.012	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM
S62.012A	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.012B	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.012D	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.012G	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.012K	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.012P	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.012S	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.013	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.013A	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.013B	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.013D	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.013G	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.013K	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.013P	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.013S	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.014	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.014A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.014B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.014D	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.014G	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.014K	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.014P	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.014S	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.015	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM
S62.015A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.015B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.015D	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.015G	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.015K	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.015P	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.015S	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.016	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.016A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.016B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.016D	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.016G	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.016K	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.016P	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.016S	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.02	Fracture of middle third of navicular [scaphoid] bone of wrist	Diagnosis	ICD-10-CM
S62.021	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.021A	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.021B	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.021D	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.021G	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.021K	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.021P	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.021S	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.022	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM
S62.022A	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.022B	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.022D	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.022G	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.022K	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.022P	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.022S	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.023	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.023A	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.023B	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.023D	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.023G	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.023K	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.023P	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.023S	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.024	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.024A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.024B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.024D	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.024G	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.024K	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.024P	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.024S	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.025	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.025A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.025B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.025D	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.025G	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.025K	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.025P	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.025S	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.026	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.026A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.026B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.026D	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.026G	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.026K	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.026P	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.026S	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.03	Fracture of proximal third of navicular [scaphoid] bone of wrist	Diagnosis	ICD-10-CM
S62.031	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.031A	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.031B	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.031D	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.031G	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.031K	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.031P	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.031S	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.032	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM
S62.032A	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.032B	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.032D	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.032G	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.032K	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.032P	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.032S	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.033	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.033A	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.033B	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.033D	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.033G	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.033K	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.033P	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.033S	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.034	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist	Diagnosis	ICD-10-CM
S62.034A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.034B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.034D	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.034G	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.034K	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.034P	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.034S	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, sequela	Diagnosis	ICD-10-CM
S62.035	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist	Diagnosis	ICD-10-CM
S62.035A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.035B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.035D	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.035G	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.035K	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.035P	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.035S	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, sequela	Diagnosis	ICD-10-CM
S62.036	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist	Diagnosis	ICD-10-CM
S62.036A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.036B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.036D	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.036G	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.036K	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.036P	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.036S	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.1	Fracture of other and unspecified carpal bone(s)	Diagnosis	ICD-10-CM
S62.10	Fracture of unspecified carpal bone	Diagnosis	ICD-10-CM
S62.101	Fracture of unspecified carpal bone, right wrist	Diagnosis	ICD-10-CM
S62.101A	Fracture of unspecified carpal bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.101B	Fracture of unspecified carpal bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.101D	Fracture of unspecified carpal bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.101G	Fracture of unspecified carpal bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.101K	Fracture of unspecified carpal bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.101P	Fracture of unspecified carpal bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.101S	Fracture of unspecified carpal bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.102	Fracture of unspecified carpal bone, left wrist	Diagnosis	ICD-10-CM
S62.102A	Fracture of unspecified carpal bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.102B	Fracture of unspecified carpal bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.102D	Fracture of unspecified carpal bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.102G	Fracture of unspecified carpal bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.102K	Fracture of unspecified carpal bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.102P	Fracture of unspecified carpal bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.102S	Fracture of unspecified carpal bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.109	Fracture of unspecified carpal bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.109A	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.109B	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.109D	Fracture of unspecified carpal bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.109G	Fracture of unspecified carpal bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.109K	Fracture of unspecified carpal bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.109P	Fracture of unspecified carpal bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.109S	Fracture of unspecified carpal bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.11	Fracture of triquetrum [cuneiform] bone of wrist	Diagnosis	ICD-10-CM
S62.111	Displaced fracture of triquetrum [cuneiform] bone, right wrist	Diagnosis	ICD-10-CM
S62.111A	Displaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.111B	Displaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.111D	Displaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.111G	Displaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.111K	Displaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.111P	Displaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.111S	Displaced fracture of triquetrum [cuneiform] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.112	Displaced fracture of triquetrum [cuneiform] bone, left wrist	Diagnosis	ICD-10-CM
S62.112A	Displaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.112B	Displaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.112D	Displaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.112G	Displaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.112K	Displaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.112P	Displaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.112S	Displaced fracture of triquetrum [cuneiform] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.113	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.113A	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.113B	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.113D	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.113G	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.113K	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.113P	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.113S	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.114	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist	Diagnosis	ICD-10-CM
S62.114A	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.114B	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.114D	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.114G	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.114K	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.114P	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.114S	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.115	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist	Diagnosis	ICD-10-CM
S62.115A	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.115B	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.115D	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.115G	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.115K	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.115P	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.115S	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.116	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.116A	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.116B	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.116D	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.116G	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.116K	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.116P	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.116S	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.12	Fracture of lunate [semilunar]	Diagnosis	ICD-10-CM
S62.121	Displaced fracture of lunate [semilunar], right wrist	Diagnosis	ICD-10-CM
S62.121A	Displaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.121B	Displaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.121D	Displaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.121G	Displaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.121K	Displaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.121P	Displaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.121S	Displaced fracture of lunate [semilunar], right wrist, sequela	Diagnosis	ICD-10-CM
S62.122	Displaced fracture of lunate [semilunar], left wrist	Diagnosis	ICD-10-CM
S62.122A	Displaced fracture of lunate [semilunar], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.122B	Displaced fracture of lunate [semilunar], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.122D	Displaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.122G	Displaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.122K	Displaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.122P	Displaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.122S	Displaced fracture of lunate [semilunar], left wrist, sequela	Diagnosis	ICD-10-CM
S62.123	Displaced fracture of lunate [semilunar], unspecified wrist	Diagnosis	ICD-10-CM
S62.123A	Displaced fracture of lunate [semilunar], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.123B	Displaced fracture of lunate [semilunar], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.123D	Displaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.123G	Displaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.123K	Displaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.123P	Displaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.123S	Displaced fracture of lunate [semilunar], unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.124	Nondisplaced fracture of lunate [semilunar], right wrist	Diagnosis	ICD-10-CM
S62.124A	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.124B	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.124D	Nondisplaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.124G	Nondisplaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.124K	Nondisplaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.124P	Nondisplaced fracture of lunate [semilunar], right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.124S	Nondisplaced fracture of lunate [semilunar], right wrist, sequela	Diagnosis	ICD-10-CM
S62.125	Nondisplaced fracture of lunate [semilunar], left wrist	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.125A	Nondisplaced fracture of lunate [semilunar], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.125B	Nondisplaced fracture of lunate [semilunar], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.125D	Nondisplaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.125G	Nondisplaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.125K	Nondisplaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.125P	Nondisplaced fracture of lunate [semilunar], left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.125S	Nondisplaced fracture of lunate [semilunar], left wrist, sequela	Diagnosis	ICD-10-CM
S62.126	Nondisplaced fracture of lunate [semilunar], unspecified wrist	Diagnosis	ICD-10-CM
S62.126A	Nondisplaced fracture of lunate [semilunar], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.126B	Nondisplaced fracture of lunate [semilunar], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.126D	Nondisplaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.126G	Nondisplaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.126K	Nondisplaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.126P	Nondisplaced fracture of lunate [semilunar], unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.126S	Nondisplaced fracture of lunate [semilunar], unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.13	Fracture of capitate [os magnum] bone	Diagnosis	ICD-10-CM
S62.131	Displaced fracture of capitate [os magnum] bone, right wrist	Diagnosis	ICD-10-CM
S62.131A	Displaced fracture of capitate [os magnum] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.131B	Displaced fracture of capitate [os magnum] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.131D	Displaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.131G	Displaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.131K	Displaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.131P	Displaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.131S	Displaced fracture of capitate [os magnum] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.132	Displaced fracture of capitate [os magnum] bone, left wrist	Diagnosis	ICD-10-CM
S62.132A	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.132B	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.132D	Displaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.132G	Displaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.132K	Displaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.132P	Displaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.132S	Displaced fracture of capitate [os magnum] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.133	Displaced fracture of capitate [os magnum] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.133A	Displaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.133B	Displaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.133D	Displaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.133G	Displaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.133K	Displaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.133P	Displaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.133S	Displaced fracture of capitate [os magnum] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.134	Nondisplaced fracture of capitate [os magnum] bone, right wrist	Diagnosis	ICD-10-CM
S62.134A	Nondisplaced fracture of capitate [os magnum] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.134B	Nondisplaced fracture of capitate [os magnum] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.134D	Nondisplaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.134G	Nondisplaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.134K	Nondisplaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.134P	Nondisplaced fracture of capitate [os magnum] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.134S	Nondisplaced fracture of capitate [os magnum] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.135	Nondisplaced fracture of capitate [os magnum] bone, left wrist	Diagnosis	ICD-10-CM
S62.135A	Nondisplaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.135B	Nondisplaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.135D	Nondisplaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.135G	Nondisplaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.135K	Nondisplaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.135P	Nondisplaced fracture of capitate [os magnum] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.135S	Nondisplaced fracture of capitate [os magnum] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.136	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.136A	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.136B	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.136D	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.136G	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.136K	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.136P	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.136S	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.14	Fracture of body of hamate [unciform] bone	Diagnosis	ICD-10-CM
S62.141	Displaced fracture of body of hamate [unciform] bone, right wrist	Diagnosis	ICD-10-CM
S62.141A	Displaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.141B	Displaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.141D	Displaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.141G	Displaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.141K	Displaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.141P	Displaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.141S	Displaced fracture of body of hamate [unciform] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.142	Displaced fracture of body of hamate [unciform] bone, left wrist	Diagnosis	ICD-10-CM
S62.142A	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.142B	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.142D	Displaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.142G	Displaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.142K	Displaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.142P	Displaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.142S	Displaced fracture of body of hamate [unciform] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.143	Displaced fracture of body of hamate [unciform] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.143A	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.143B	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.143D	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.143G	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.143K	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.143P	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.143S	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.144	Nondisplaced fracture of body of hamate [unciform] bone, right wrist	Diagnosis	ICD-10-CM
S62.144A	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.144B	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.144D	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.144G	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.144K	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.144P	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.144S	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.145	Nondisplaced fracture of body of hamate [unciform] bone, left wrist	Diagnosis	ICD-10-CM
S62.145A	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.145B	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.145D	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.145G	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.145K	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.145P	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.145S	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.146	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.146A	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.146B	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.146D	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.146G	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.146K	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.146P	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.146S	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.15	Fracture of hook process of hamate [unciform] bone	Diagnosis	ICD-10-CM
S62.151	Displaced fracture of hook process of hamate [unciform] bone, right wrist	Diagnosis	ICD-10-CM
S62.151A	Displaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.151B	Displaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.151D	Displaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.151G	Displaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.151K	Displaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.151P	Displaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.151S	Displaced fracture of hook process of hamate [unciform] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.152	Displaced fracture of hook process of hamate [unciform] bone, left wrist	Diagnosis	ICD-10-CM
S62.152A	Displaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.152B	Displaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.152D	Displaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.152G	Displaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.152K	Displaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.152P	Displaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.152S	Displaced fracture of hook process of hamate [unciform] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.153	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.153A	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.153B	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.153D	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.153G	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.153K	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.153P	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.153S	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.154	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist	Diagnosis	ICD-10-CM
S62.154A	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.154B	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.154D	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.154G	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.154K	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.154P	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.154S	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, sequela	Diagnosis	ICD-10-CM
S62.155	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist	Diagnosis	ICD-10-CM
S62.155A	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.155B	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.155D	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.155G	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.155K	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.155P	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.155S	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, sequela	Diagnosis	ICD-10-CM
S62.156	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist	Diagnosis	ICD-10-CM
S62.156A	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.156B	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.156D	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.156G	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.156K	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.156P	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.156S	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.16	Fracture of pisiform	Diagnosis	ICD-10-CM
S62.161	Displaced fracture of pisiform, right wrist	Diagnosis	ICD-10-CM
S62.161A	Displaced fracture of pisiform, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.161B	Displaced fracture of pisiform, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.161D	Displaced fracture of pisiform, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.161G	Displaced fracture of pisiform, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.161K	Displaced fracture of pisiform, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.161P	Displaced fracture of pisiform, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.161S	Displaced fracture of pisiform, right wrist, sequela	Diagnosis	ICD-10-CM
S62.162	Displaced fracture of pisiform, left wrist	Diagnosis	ICD-10-CM
S62.162A	Displaced fracture of pisiform, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.162B	Displaced fracture of pisiform, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.162D	Displaced fracture of pisiform, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.162G	Displaced fracture of pisiform, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.162K	Displaced fracture of pisiform, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.162P	Displaced fracture of pisiform, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.162S	Displaced fracture of pisiform, left wrist, sequela	Diagnosis	ICD-10-CM
S62.163	Displaced fracture of pisiform, unspecified wrist	Diagnosis	ICD-10-CM
S62.163A	Displaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.163B	Displaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.163D	Displaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.163G	Displaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.163K	Displaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.163P	Displaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.163S	Displaced fracture of pisiform, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.164	Nondisplaced fracture of pisiform, right wrist	Diagnosis	ICD-10-CM
S62.164A	Nondisplaced fracture of pisiform, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.164B	Nondisplaced fracture of pisiform, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.164D	Nondisplaced fracture of pisiform, right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.164G	Nondisplaced fracture of pisiform, right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.164K	Nondisplaced fracture of pisiform, right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.164P	Nondisplaced fracture of pisiform, right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.164S	Nondisplaced fracture of pisiform, right wrist, sequela	Diagnosis	ICD-10-CM
S62.165	Nondisplaced fracture of pisiform, left wrist	Diagnosis	ICD-10-CM
S62.165A	Nondisplaced fracture of pisiform, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.165B	Nondisplaced fracture of pisiform, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.165D	Nondisplaced fracture of pisiform, left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.165G	Nondisplaced fracture of pisiform, left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.165K	Nondisplaced fracture of pisiform, left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.165P	Nondisplaced fracture of pisiform, left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.165S	Nondisplaced fracture of pisiform, left wrist, sequela	Diagnosis	ICD-10-CM
S62.166	Nondisplaced fracture of pisiform, unspecified wrist	Diagnosis	ICD-10-CM
S62.166A	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.166B	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.166D	Nondisplaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.166G	Nondisplaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.166K	Nondisplaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.166P	Nondisplaced fracture of pisiform, unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.166S	Nondisplaced fracture of pisiform, unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.17	Fracture of trapezium [larger multangular]	Diagnosis	ICD-10-CM
S62.171	Displaced fracture of trapezium [larger multangular], right wrist	Diagnosis	ICD-10-CM
S62.171A	Displaced fracture of trapezium [larger multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.171B	Displaced fracture of trapezium [larger multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.171D	Displaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.171G	Displaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.171K	Displaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.171P	Displaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.171S	Displaced fracture of trapezium [larger multangular], right wrist, sequela	Diagnosis	ICD-10-CM
S62.172	Displaced fracture of trapezium [larger multangular], left wrist	Diagnosis	ICD-10-CM
S62.172A	Displaced fracture of trapezium [larger multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.172B	Displaced fracture of trapezium [larger multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.172D	Displaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.172G	Displaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.172K	Displaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.172P	Displaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.172S	Displaced fracture of trapezium [larger multangular], left wrist, sequela	Diagnosis	ICD-10-CM
S62.173	Displaced fracture of trapezium [larger multangular], unspecified wrist	Diagnosis	ICD-10-CM
S62.173A	Displaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.173B	Displaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.173D	Displaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.173G	Displaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.173K	Displaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.173P	Displaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.173S	Displaced fracture of trapezium [larger multangular], unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.174	Nondisplaced fracture of trapezium [larger multangular], right wrist	Diagnosis	ICD-10-CM
S62.174A	Nondisplaced fracture of trapezium [larger multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.174B	Nondisplaced fracture of trapezium [larger multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.174D	Nondisplaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.174G	Nondisplaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.174K	Nondisplaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.174P	Nondisplaced fracture of trapezium [larger multangular], right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.174S	Nondisplaced fracture of trapezium [larger multangular], right wrist, sequela	Diagnosis	ICD-10-CM
S62.175	Nondisplaced fracture of trapezium [larger multangular], left wrist	Diagnosis	ICD-10-CM
S62.175A	Nondisplaced fracture of trapezium [larger multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.175B	Nondisplaced fracture of trapezium [larger multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.175D	Nondisplaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.175G	Nondisplaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.175K	Nondisplaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.175P	Nondisplaced fracture of trapezium [larger multangular], left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.175S	Nondisplaced fracture of trapezium [larger multangular], left wrist, sequela	Diagnosis	ICD-10-CM
S62.176	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist	Diagnosis	ICD-10-CM
S62.176A	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.176B	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.176D	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.176G	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.176K	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.176P	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.176S	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.18	Fracture of trapezoid [smaller multangular]	Diagnosis	ICD-10-CM
S62.181	Displaced fracture of trapezoid [smaller multangular], right wrist	Diagnosis	ICD-10-CM
S62.181A	Displaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.181B	Displaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.181D	Displaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.181G	Displaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.181K	Displaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.181P	Displaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.181S	Displaced fracture of trapezoid [smaller multangular], right wrist, sequela	Diagnosis	ICD-10-CM
S62.182	Displaced fracture of trapezoid [smaller multangular], left wrist	Diagnosis	ICD-10-CM
S62.182A	Displaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.182B	Displaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.182D	Displaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.182G	Displaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.182K	Displaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.182P	Displaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.182S	Displaced fracture of trapezoid [smaller multangular], left wrist, sequela	Diagnosis	ICD-10-CM
S62.183	Displaced fracture of trapezoid [smaller multangular], unspecified wrist	Diagnosis	ICD-10-CM
S62.183A	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.183B	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.183D	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.183G	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.183K	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.183P	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.183S	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.184	Nondisplaced fracture of trapezoid [smaller multangular], right wrist	Diagnosis	ICD-10-CM
S62.184A	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.184B	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.184D	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.184G	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.184K	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.184P	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.184S	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, sequela	Diagnosis	ICD-10-CM
S62.185	Nondisplaced fracture of trapezoid [smaller multangular], left wrist	Diagnosis	ICD-10-CM
S62.185A	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.185B	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.185D	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.185G	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.185K	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.185P	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.185S	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, sequela	Diagnosis	ICD-10-CM
S62.186	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist	Diagnosis	ICD-10-CM
S62.186A	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.186B	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.186D	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.186G	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.186K	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.186P	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.186S	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, sequela	Diagnosis	ICD-10-CM
S62.2	Fracture of first metacarpal bone	Diagnosis	ICD-10-CM
S62.20	Unspecified fracture of first metacarpal bone	Diagnosis	ICD-10-CM
S62.201	Unspecified fracture of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.201A	Unspecified fracture of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.201B	Unspecified fracture of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.201D	Unspecified fracture of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.201G	Unspecified fracture of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.201K	Unspecified fracture of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.201P	Unspecified fracture of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.201S	Unspecified fracture of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.202	Unspecified fracture of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.202A	Unspecified fracture of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.202B	Unspecified fracture of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.202D	Unspecified fracture of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.202G	Unspecified fracture of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.202K	Unspecified fracture of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.202P	Unspecified fracture of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.202S	Unspecified fracture of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.209	Unspecified fracture of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.209A	Unspecified fracture of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.209B	Unspecified fracture of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.209D	Unspecified fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.209G	Unspecified fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.209K	Unspecified fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.209P	Unspecified fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.209S	Unspecified fracture of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.21	Bennett's fracture	Diagnosis	ICD-10-CM
S62.211	Bennett's fracture, right hand	Diagnosis	ICD-10-CM
S62.211A	Bennett's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.211B	Bennett's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.211D	Bennett's fracture, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.211G	Bennett's fracture, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.211K	Bennett's fracture, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.211P	Bennett's fracture, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.211S	Bennett's fracture, right hand, sequela	Diagnosis	ICD-10-CM
S62.212	Bennett's fracture, left hand	Diagnosis	ICD-10-CM
S62.212A	Bennett's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.212B	Bennett's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.212D	Bennett's fracture, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.212G	Bennett's fracture, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.212K	Bennett's fracture, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.212P	Bennett's fracture, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.212S	Bennett's fracture, left hand, sequela	Diagnosis	ICD-10-CM
S62.213	Bennett's fracture, unspecified hand	Diagnosis	ICD-10-CM
S62.213A	Bennett's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.213B	Bennett's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.213D	Bennett's fracture, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.213G	Bennett's fracture, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.213K	Bennett's fracture, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.213P	Bennett's fracture, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.213S	Bennett's fracture, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.22	Rolando's fracture	Diagnosis	ICD-10-CM
S62.221	Displaced Rolando's fracture, right hand	Diagnosis	ICD-10-CM
S62.221A	Displaced Rolando's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.221B	Displaced Rolando's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.221D	Displaced Rolando's fracture, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.221G	Displaced Rolando's fracture, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.221K	Displaced Rolando's fracture, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.221P	Displaced Rolando's fracture, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.221S	Displaced Rolando's fracture, right hand, sequela	Diagnosis	ICD-10-CM
S62.222	Displaced Rolando's fracture, left hand	Diagnosis	ICD-10-CM
S62.222A	Displaced Rolando's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.222B	Displaced Rolando's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.222D	Displaced Rolando's fracture, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.222G	Displaced Rolando's fracture, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.222K	Displaced Rolando's fracture, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.222P	Displaced Rolando's fracture, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.222S	Displaced Rolando's fracture, left hand, sequela	Diagnosis	ICD-10-CM
S62.223	Displaced Rolando's fracture, unspecified hand	Diagnosis	ICD-10-CM
S62.223A	Displaced Rolando's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.223B	Displaced Rolando's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.223D	Displaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.223G	Displaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.223K	Displaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.223P	Displaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.223S	Displaced Rolando's fracture, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.224	Nondisplaced Rolando's fracture, right hand	Diagnosis	ICD-10-CM
S62.224A	Nondisplaced Rolando's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.224B	Nondisplaced Rolando's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.224D	Nondisplaced Rolando's fracture, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.224G	Nondisplaced Rolando's fracture, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.224K	Nondisplaced Rolando's fracture, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.224P	Nondisplaced Rolando's fracture, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.224S	Nondisplaced Rolando's fracture, right hand, sequela	Diagnosis	ICD-10-CM
S62.225	Nondisplaced Rolando's fracture, left hand	Diagnosis	ICD-10-CM
S62.225A	Nondisplaced Rolando's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.225B	Nondisplaced Rolando's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.225D	Nondisplaced Rolando's fracture, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.225G	Nondisplaced Rolando's fracture, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.225K	Nondisplaced Rolando's fracture, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.225P	Nondisplaced Rolando's fracture, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.225S	Nondisplaced Rolando's fracture, left hand, sequela	Diagnosis	ICD-10-CM
S62.226	Nondisplaced Rolando's fracture, unspecified hand	Diagnosis	ICD-10-CM
S62.226A	Nondisplaced Rolando's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.226B	Nondisplaced Rolando's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.226D	Nondisplaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.226G	Nondisplaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.226K	Nondisplaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.226P	Nondisplaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.226S	Nondisplaced Rolando's fracture, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.23	Other fracture of base of first metacarpal bone	Diagnosis	ICD-10-CM
S62.231	Other displaced fracture of base of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.231A	Other displaced fracture of base of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.231B	Other displaced fracture of base of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.231D	Other displaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.231G	Other displaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.231K	Other displaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.231P	Other displaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.231S	Other displaced fracture of base of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.232	Other displaced fracture of base of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.232A	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.232B	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.232D	Other displaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.232G	Other displaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.232K	Other displaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.232P	Other displaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.232S	Other displaced fracture of base of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.233	Other displaced fracture of base of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.233A	Other displaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.233B	Other displaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.233D	Other displaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.233G	Other displaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.233K	Other displaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.233P	Other displaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.233S	Other displaced fracture of base of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.234	Other nondisplaced fracture of base of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.234A	Other nondisplaced fracture of base of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.234B	Other nondisplaced fracture of base of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.234D	Other nondisplaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.234G	Other nondisplaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.234K	Other nondisplaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.234P	Other nondisplaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.234S	Other nondisplaced fracture of base of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.235	Other nondisplaced fracture of base of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.235A	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.235B	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.235D	Other nondisplaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.235G	Other nondisplaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.235K	Other nondisplaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.235P	Other nondisplaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.235S	Other nondisplaced fracture of base of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.236	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.236A	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.236B	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.236D	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.236G	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.236K	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.236P	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.236S	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.24	Fracture of shaft of first metacarpal bone	Diagnosis	ICD-10-CM
S62.241	Displaced fracture of shaft of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.241A	Displaced fracture of shaft of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.241B	Displaced fracture of shaft of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.241D	Displaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.241G	Displaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.241K	Displaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.241P	Displaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.241S	Displaced fracture of shaft of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.242	Displaced fracture of shaft of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.242A	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.242B	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.242D	Displaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.242G	Displaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.242K	Displaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.242P	Displaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.242S	Displaced fracture of shaft of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.243	Displaced fracture of shaft of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.243A	Displaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.243B	Displaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.243D	Displaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.243G	Displaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.243K	Displaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.243P	Displaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.243S	Displaced fracture of shaft of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.244	Nondisplaced fracture of shaft of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.244A	Nondisplaced fracture of shaft of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.244B	Nondisplaced fracture of shaft of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.244D	Nondisplaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.244G	Nondisplaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.244K	Nondisplaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.244P	Nondisplaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.244S	Nondisplaced fracture of shaft of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.245	Nondisplaced fracture of shaft of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.245A	Nondisplaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.245B	Nondisplaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.245D	Nondisplaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.245G	Nondisplaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.245K	Nondisplaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.245P	Nondisplaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.245S	Nondisplaced fracture of shaft of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.246	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.246A	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.246B	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.246D	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.246G	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.246K	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.246P	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.246S	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.25	Fracture of neck of first metacarpal bone	Diagnosis	ICD-10-CM
S62.251	Displaced fracture of neck of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.251A	Displaced fracture of neck of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.251B	Displaced fracture of neck of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.251D	Displaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.251G	Displaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.251K	Displaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.251P	Displaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.251S	Displaced fracture of neck of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.252	Displaced fracture of neck of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.252A	Displaced fracture of neck of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.252B	Displaced fracture of neck of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.252D	Displaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.252G	Displaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.252K	Displaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.252P	Displaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.252S	Displaced fracture of neck of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.253	Displaced fracture of neck of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.253A	Displaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.253B	Displaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.253D	Displaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.253G	Displaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.253K	Displaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.253P	Displaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.253S	Displaced fracture of neck of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.254	Nondisplaced fracture of neck of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.254A	Nondisplaced fracture of neck of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.254B	Nondisplaced fracture of neck of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.254D	Nondisplaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.254G	Nondisplaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.254K	Nondisplaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.254P	Nondisplaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.254S	Nondisplaced fracture of neck of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.255	Nondisplaced fracture of neck of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.255A	Nondisplaced fracture of neck of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.255B	Nondisplaced fracture of neck of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.255D	Nondisplaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.255G	Nondisplaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.255K	Nondisplaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.255P	Nondisplaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.255S	Nondisplaced fracture of neck of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.256	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.256A	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.256B	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.256D	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.256G	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.256K	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.256P	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.256S	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.29	Other fracture of first metacarpal bone	Diagnosis	ICD-10-CM
S62.291	Other fracture of first metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.291A	Other fracture of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.291B	Other fracture of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.291D	Other fracture of first metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.291G	Other fracture of first metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.291K	Other fracture of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.291P	Other fracture of first metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.291S	Other fracture of first metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.292	Other fracture of first metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.292A	Other fracture of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.292B	Other fracture of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.292D	Other fracture of first metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.292G	Other fracture of first metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.292K	Other fracture of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.292P	Other fracture of first metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.292S	Other fracture of first metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.299	Other fracture of first metacarpal bone, unspecified hand	Diagnosis	ICD-10-CM
S62.299A	Other fracture of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.299B	Other fracture of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.299D	Other fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.299G	Other fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.299K	Other fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.299P	Other fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.299S	Other fracture of first metacarpal bone, unspecified hand, sequela	Diagnosis	ICD-10-CM
S62.3	Fracture of other and unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.30	Unspecified fracture of other metacarpal bone	Diagnosis	ICD-10-CM
S62.300	Unspecified fracture of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.300A	Unspecified fracture of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.300B	Unspecified fracture of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.300D	Unspecified fracture of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.300G	Unspecified fracture of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.300K	Unspecified fracture of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.300P	Unspecified fracture of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.300S	Unspecified fracture of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.301	Unspecified fracture of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.301A	Unspecified fracture of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.301B	Unspecified fracture of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.301D	Unspecified fracture of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.301G	Unspecified fracture of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.301K	Unspecified fracture of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.301P	Unspecified fracture of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.301S	Unspecified fracture of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.302	Unspecified fracture of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.302A	Unspecified fracture of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.302B	Unspecified fracture of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.302D	Unspecified fracture of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.302G	Unspecified fracture of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.302K	Unspecified fracture of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.302P	Unspecified fracture of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.302S	Unspecified fracture of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.303	Unspecified fracture of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.303A	Unspecified fracture of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.303B	Unspecified fracture of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.303D	Unspecified fracture of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.303G	Unspecified fracture of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.303K	Unspecified fracture of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.303P	Unspecified fracture of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.303S	Unspecified fracture of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.304	Unspecified fracture of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.304A	Unspecified fracture of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.304B	Unspecified fracture of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.304D	Unspecified fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.304G	Unspecified fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.304K	Unspecified fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.304P	Unspecified fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.304S	Unspecified fracture of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.305	Unspecified fracture of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.305A	Unspecified fracture of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.305B	Unspecified fracture of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.305D	Unspecified fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.305G	Unspecified fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.305K	Unspecified fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.305P	Unspecified fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.305S	Unspecified fracture of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.306	Unspecified fracture of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.306A	Unspecified fracture of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.306B	Unspecified fracture of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.306D	Unspecified fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.306G	Unspecified fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.306K	Unspecified fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.306P	Unspecified fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.306S	Unspecified fracture of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.307	Unspecified fracture of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.307A	Unspecified fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.307B	Unspecified fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.307D	Unspecified fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.307G	Unspecified fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.307K	Unspecified fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.307P	Unspecified fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.307S	Unspecified fracture of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.308	Unspecified fracture of other metacarpal bone	Diagnosis	ICD-10-CM
S62.308A	Unspecified fracture of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.308B	Unspecified fracture of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.308D	Unspecified fracture of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.308G	Unspecified fracture of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.308K	Unspecified fracture of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.308P	Unspecified fracture of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.308S	Unspecified fracture of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.309	Unspecified fracture of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.309A	Unspecified fracture of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.309B	Unspecified fracture of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.309D	Unspecified fracture of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.309G	Unspecified fracture of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.309K	Unspecified fracture of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.309P	Unspecified fracture of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.309S	Unspecified fracture of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.31	Displaced fracture of base of other metacarpal bone	Diagnosis	ICD-10-CM
S62.310	Displaced fracture of base of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.310A	Displaced fracture of base of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.310B	Displaced fracture of base of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.310D	Displaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.310G	Displaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.310K	Displaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.310P	Displaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.310S	Displaced fracture of base of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.311	Displaced fracture of base of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.311A	Displaced fracture of base of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.311B	Displaced fracture of base of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.311D	Displaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.311G	Displaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.311K	Displaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.311P	Displaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.311S	Displaced fracture of base of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.312	Displaced fracture of base of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.312A	Displaced fracture of base of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.312B	Displaced fracture of base of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.312D	Displaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.312G	Displaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.312K	Displaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.312P	Displaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.312S	Displaced fracture of base of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.313	Displaced fracture of base of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.313A	Displaced fracture of base of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.313B	Displaced fracture of base of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.313D	Displaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.313G	Displaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.313K	Displaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.313P	Displaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.313S	Displaced fracture of base of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.314	Displaced fracture of base of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.314A	Displaced fracture of base of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.314B	Displaced fracture of base of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.314D	Displaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.314G	Displaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.314K	Displaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.314P	Displaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.314S	Displaced fracture of base of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.315	Displaced fracture of base of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.315A	Displaced fracture of base of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.315B	Displaced fracture of base of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.315D	Displaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.315G	Displaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.315K	Displaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.315P	Displaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.315S	Displaced fracture of base of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.316	Displaced fracture of base of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.316A	Displaced fracture of base of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.316B	Displaced fracture of base of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.316D	Displaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.316G	Displaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.316K	Displaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.316P	Displaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.316S	Displaced fracture of base of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.317	Displaced fracture of base of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.317A	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.317B	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.317D	Displaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.317G	Displaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.317K	Displaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.317P	Displaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.317S	Displaced fracture of base of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.318	Displaced fracture of base of other metacarpal bone	Diagnosis	ICD-10-CM
S62.318A	Displaced fracture of base of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.318B	Displaced fracture of base of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.318D	Displaced fracture of base of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.318G	Displaced fracture of base of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.318K	Displaced fracture of base of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.318P	Displaced fracture of base of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.318S	Displaced fracture of base of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.319	Displaced fracture of base of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.319A	Displaced fracture of base of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.319B	Displaced fracture of base of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.319D	Displaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.319G	Displaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.319K	Displaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.319P	Displaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.319S	Displaced fracture of base of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.32	Displaced fracture of shaft of other metacarpal bone	Diagnosis	ICD-10-CM
S62.320	Displaced fracture of shaft of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.320A	Displaced fracture of shaft of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.320B	Displaced fracture of shaft of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.320D	Displaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.320G	Displaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.320K	Displaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.320P	Displaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.320S	Displaced fracture of shaft of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.321	Displaced fracture of shaft of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.321A	Displaced fracture of shaft of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.321B	Displaced fracture of shaft of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.321D	Displaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.321G	Displaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.321K	Displaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.321P	Displaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.321S	Displaced fracture of shaft of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.322	Displaced fracture of shaft of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.322A	Displaced fracture of shaft of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.322B	Displaced fracture of shaft of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.322D	Displaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.322G	Displaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.322K	Displaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.322P	Displaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.322S	Displaced fracture of shaft of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.323	Displaced fracture of shaft of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.323A	Displaced fracture of shaft of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.323B	Displaced fracture of shaft of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.323D	Displaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.323G	Displaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.323K	Displaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.323P	Displaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.323S	Displaced fracture of shaft of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.324	Displaced fracture of shaft of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.324A	Displaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.324B	Displaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.324D	Displaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.324G	Displaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.324K	Displaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.324P	Displaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.324S	Displaced fracture of shaft of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.325	Displaced fracture of shaft of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.325A	Displaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.325B	Displaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.325D	Displaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.325G	Displaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.325K	Displaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.325P	Displaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.325S	Displaced fracture of shaft of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.326	Displaced fracture of shaft of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.326A	Displaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.326B	Displaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.326D	Displaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.326G	Displaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.326K	Displaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.326P	Displaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.326S	Displaced fracture of shaft of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.327	Displaced fracture of shaft of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.327A	Displaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.327B	Displaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.327D	Displaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.327G	Displaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.327K	Displaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.327P	Displaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.327S	Displaced fracture of shaft of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.328	Displaced fracture of shaft of other metacarpal bone	Diagnosis	ICD-10-CM
S62.328A	Displaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.328B	Displaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.328D	Displaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.328G	Displaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.328K	Displaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.328P	Displaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.328S	Displaced fracture of shaft of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.329	Displaced fracture of shaft of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.329A	Displaced fracture of shaft of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.329B	Displaced fracture of shaft of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.329D	Displaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.329G	Displaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.329K	Displaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.329P	Displaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.329S	Displaced fracture of shaft of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.33	Displaced fracture of neck of other metacarpal bone	Diagnosis	ICD-10-CM
S62.330	Displaced fracture of neck of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.330A	Displaced fracture of neck of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.330B	Displaced fracture of neck of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.330D	Displaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.330G	Displaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.330K	Displaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.330P	Displaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.330S	Displaced fracture of neck of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.331	Displaced fracture of neck of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.331A	Displaced fracture of neck of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.331B	Displaced fracture of neck of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.331D	Displaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.331G	Displaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.331K	Displaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.331P	Displaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.331S	Displaced fracture of neck of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.332	Displaced fracture of neck of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.332A	Displaced fracture of neck of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.332B	Displaced fracture of neck of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.332D	Displaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.332G	Displaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.332K	Displaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.332P	Displaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.332S	Displaced fracture of neck of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.333	Displaced fracture of neck of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.333A	Displaced fracture of neck of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.333B	Displaced fracture of neck of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.333D	Displaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.333G	Displaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.333K	Displaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.333P	Displaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.333S	Displaced fracture of neck of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.334	Displaced fracture of neck of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.334A	Displaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.334B	Displaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.334D	Displaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.334G	Displaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.334K	Displaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.334P	Displaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.334S	Displaced fracture of neck of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.335	Displaced fracture of neck of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.335A	Displaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.335B	Displaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.335D	Displaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.335G	Displaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.335K	Displaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.335P	Displaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.335S	Displaced fracture of neck of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.336	Displaced fracture of neck of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.336A	Displaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.336B	Displaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.336D	Displaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.336G	Displaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.336K	Displaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.336P	Displaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.336S	Displaced fracture of neck of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.337	Displaced fracture of neck of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.337A	Displaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.337B	Displaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.337D	Displaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.337G	Displaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.337K	Displaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.337P	Displaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.337S	Displaced fracture of neck of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.338	Displaced fracture of neck of other metacarpal bone	Diagnosis	ICD-10-CM
S62.338A	Displaced fracture of neck of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.338B	Displaced fracture of neck of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.338D	Displaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.338G	Displaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.338K	Displaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.338P	Displaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.338S	Displaced fracture of neck of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.339	Displaced fracture of neck of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.339A	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.339B	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.339D	Displaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.339G	Displaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.339K	Displaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.339P	Displaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.339S	Displaced fracture of neck of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.34	Nondisplaced fracture of base of other metacarpal bone	Diagnosis	ICD-10-CM
S62.340	Nondisplaced fracture of base of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.340A	Nondisplaced fracture of base of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.340B	Nondisplaced fracture of base of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.340D	Nondisplaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.340G	Nondisplaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.340K	Nondisplaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.340P	Nondisplaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.340S	Nondisplaced fracture of base of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.341	Nondisplaced fracture of base of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.341A	Nondisplaced fracture of base of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.341B	Nondisplaced fracture of base of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.341D	Nondisplaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.341G	Nondisplaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.341K	Nondisplaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.341P	Nondisplaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.341S	Nondisplaced fracture of base of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.342	Nondisplaced fracture of base of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.342A	Nondisplaced fracture of base of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.342B	Nondisplaced fracture of base of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.342D	Nondisplaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.342G	Nondisplaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.342K	Nondisplaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.342P	Nondisplaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.342S	Nondisplaced fracture of base of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.343	Nondisplaced fracture of base of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.343A	Nondisplaced fracture of base of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.343B	Nondisplaced fracture of base of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.343D	Nondisplaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.343G	Nondisplaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.343K	Nondisplaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.343P	Nondisplaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.343S	Nondisplaced fracture of base of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.344	Nondisplaced fracture of base of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.344A	Nondisplaced fracture of base of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.344B	Nondisplaced fracture of base of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.344D	Nondisplaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.344G	Nondisplaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.344K	Nondisplaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.344P	Nondisplaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.344S	Nondisplaced fracture of base of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.345	Nondisplaced fracture of base of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.345A	Nondisplaced fracture of base of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.345B	Nondisplaced fracture of base of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.345D	Nondisplaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.345G	Nondisplaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.345K	Nondisplaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.345P	Nondisplaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.345S	Nondisplaced fracture of base of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.346	Nondisplaced fracture of base of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.346A	Nondisplaced fracture of base of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.346B	Nondisplaced fracture of base of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.346D	Nondisplaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.346G	Nondisplaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.346K	Nondisplaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.346P	Nondisplaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.346S	Nondisplaced fracture of base of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.347	Nondisplaced fracture of base of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.347A	Nondisplaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.347B	Nondisplaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.347D	Nondisplaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.347G	Nondisplaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.347K	Nondisplaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.347P	Nondisplaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.347S	Nondisplaced fracture of base of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.348	Nondisplaced fracture of base of other metacarpal bone	Diagnosis	ICD-10-CM
S62.348A	Nondisplaced fracture of base of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.348B	Nondisplaced fracture of base of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.348D	Nondisplaced fracture of base of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.348G	Nondisplaced fracture of base of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.348K	Nondisplaced fracture of base of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.348P	Nondisplaced fracture of base of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.348S	Nondisplaced fracture of base of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.349	Nondisplaced fracture of base of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.349A	Nondisplaced fracture of base of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.349B	Nondisplaced fracture of base of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.349D	Nondisplaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.349G	Nondisplaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.349K	Nondisplaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.349P	Nondisplaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.349S	Nondisplaced fracture of base of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.35	Nondisplaced fracture of shaft of other metacarpal bone	Diagnosis	ICD-10-CM
S62.350	Nondisplaced fracture of shaft of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.350A	Nondisplaced fracture of shaft of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.350B	Nondisplaced fracture of shaft of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.350D	Nondisplaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.350G	Nondisplaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.350K	Nondisplaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.350P	Nondisplaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.350S	Nondisplaced fracture of shaft of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.351	Nondisplaced fracture of shaft of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.351A	Nondisplaced fracture of shaft of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.351B	Nondisplaced fracture of shaft of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.351D	Nondisplaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.351G	Nondisplaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.351K	Nondisplaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.351P	Nondisplaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.351S	Nondisplaced fracture of shaft of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.352	Nondisplaced fracture of shaft of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.352A	Nondisplaced fracture of shaft of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.352B	Nondisplaced fracture of shaft of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.352D	Nondisplaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.352G	Nondisplaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.352K	Nondisplaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.352P	Nondisplaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.352S	Nondisplaced fracture of shaft of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.353	Nondisplaced fracture of shaft of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.353A	Nondisplaced fracture of shaft of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.353B	Nondisplaced fracture of shaft of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.353D	Nondisplaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.353G	Nondisplaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.353K	Nondisplaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.353P	Nondisplaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.353S	Nondisplaced fracture of shaft of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.354	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.354A	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.354B	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.354D	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.354G	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.354K	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.354P	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.354S	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.355	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.355A	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.355B	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.355D	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.355G	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.355K	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.355P	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.355S	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.356	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.356A	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.356B	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.356D	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.356G	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.356K	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.356P	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.356S	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.357	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.357A	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.357B	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.357D	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.357G	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.357K	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.357P	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.357S	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.358	Nondisplaced fracture of shaft of other metacarpal bone	Diagnosis	ICD-10-CM
S62.358A	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.358B	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.358D	Nondisplaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.358G	Nondisplaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.358K	Nondisplaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.358P	Nondisplaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.358S	Nondisplaced fracture of shaft of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.359	Nondisplaced fracture of shaft of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.359A	Nondisplaced fracture of shaft of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.359B	Nondisplaced fracture of shaft of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.359D	Nondisplaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.359G	Nondisplaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.359K	Nondisplaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.359P	Nondisplaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.359S	Nondisplaced fracture of shaft of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.36	Nondisplaced fracture of neck of other metacarpal bone	Diagnosis	ICD-10-CM
S62.360	Nondisplaced fracture of neck of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.360A	Nondisplaced fracture of neck of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.360B	Nondisplaced fracture of neck of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.360D	Nondisplaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.360G	Nondisplaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.360K	Nondisplaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.360P	Nondisplaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.360S	Nondisplaced fracture of neck of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.361	Nondisplaced fracture of neck of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.361A	Nondisplaced fracture of neck of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.361B	Nondisplaced fracture of neck of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.361D	Nondisplaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.361G	Nondisplaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.361K	Nondisplaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.361P	Nondisplaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.361S	Nondisplaced fracture of neck of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.362	Nondisplaced fracture of neck of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.362A	Nondisplaced fracture of neck of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.362B	Nondisplaced fracture of neck of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.362D	Nondisplaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.362G	Nondisplaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.362K	Nondisplaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.362P	Nondisplaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.362S	Nondisplaced fracture of neck of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.363	Nondisplaced fracture of neck of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.363A	Nondisplaced fracture of neck of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.363B	Nondisplaced fracture of neck of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.363D	Nondisplaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.363G	Nondisplaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.363K	Nondisplaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.363P	Nondisplaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.363S	Nondisplaced fracture of neck of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.364	Nondisplaced fracture of neck of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.364A	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.364B	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.364D	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.364G	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.364K	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.364P	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.364S	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.365	Nondisplaced fracture of neck of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.365A	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.365B	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.365D	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.365G	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.365K	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.365P	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.365S	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.366	Nondisplaced fracture of neck of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.366A	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.366B	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.366D	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.366G	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.366K	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.366P	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.366S	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.367	Nondisplaced fracture of neck of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.367A	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.367B	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.367D	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.367G	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.367K	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.367P	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.367S	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.368	Nondisplaced fracture of neck of other metacarpal bone	Diagnosis	ICD-10-CM
S62.368A	Nondisplaced fracture of neck of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.368B	Nondisplaced fracture of neck of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.368D	Nondisplaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.368G	Nondisplaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.368K	Nondisplaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.368P	Nondisplaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.368S	Nondisplaced fracture of neck of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.369	Nondisplaced fracture of neck of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.369A	Nondisplaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.369B	Nondisplaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.369D	Nondisplaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.369G	Nondisplaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.369K	Nondisplaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.369P	Nondisplaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.369S	Nondisplaced fracture of neck of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.39	Other fracture of other metacarpal bone	Diagnosis	ICD-10-CM
S62.390	Other fracture of second metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.390A	Other fracture of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.390B	Other fracture of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.390D	Other fracture of second metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.390G	Other fracture of second metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.390K	Other fracture of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.390P	Other fracture of second metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.390S	Other fracture of second metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.391	Other fracture of second metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.391A	Other fracture of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.391B	Other fracture of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.391D	Other fracture of second metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.391G	Other fracture of second metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.391K	Other fracture of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.391P	Other fracture of second metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.391S	Other fracture of second metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.392	Other fracture of third metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.392A	Other fracture of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.392B	Other fracture of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.392D	Other fracture of third metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.392G	Other fracture of third metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.392K	Other fracture of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.392P	Other fracture of third metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.392S	Other fracture of third metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.393	Other fracture of third metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.393A	Other fracture of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.393B	Other fracture of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.393D	Other fracture of third metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.393G	Other fracture of third metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.393K	Other fracture of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.393P	Other fracture of third metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.393S	Other fracture of third metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.394	Other fracture of fourth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.394A	Other fracture of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.394B	Other fracture of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.394D	Other fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.394G	Other fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.394K	Other fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.394P	Other fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.394S	Other fracture of fourth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.395	Other fracture of fourth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.395A	Other fracture of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.395B	Other fracture of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.395D	Other fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.395G	Other fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.395K	Other fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.395P	Other fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.395S	Other fracture of fourth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.396	Other fracture of fifth metacarpal bone, right hand	Diagnosis	ICD-10-CM
S62.396A	Other fracture of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.396B	Other fracture of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.396D	Other fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.396G	Other fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.396K	Other fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.396P	Other fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.396S	Other fracture of fifth metacarpal bone, right hand, sequela	Diagnosis	ICD-10-CM
S62.397	Other fracture of fifth metacarpal bone, left hand	Diagnosis	ICD-10-CM
S62.397A	Other fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.397B	Other fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.397D	Other fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.397G	Other fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.397K	Other fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.397P	Other fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.397S	Other fracture of fifth metacarpal bone, left hand, sequela	Diagnosis	ICD-10-CM
S62.398	Other fracture of other metacarpal bone	Diagnosis	ICD-10-CM
S62.398A	Other fracture of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.398B	Other fracture of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.398D	Other fracture of other metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.398G	Other fracture of other metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.398K	Other fracture of other metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.398P	Other fracture of other metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.398S	Other fracture of other metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.399	Other fracture of unspecified metacarpal bone	Diagnosis	ICD-10-CM
S62.399A	Other fracture of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.399B	Other fracture of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.399D	Other fracture of unspecified metacarpal bone, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.399G	Other fracture of unspecified metacarpal bone, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.399K	Other fracture of unspecified metacarpal bone, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.399P	Other fracture of unspecified metacarpal bone, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.399S	Other fracture of unspecified metacarpal bone, sequela	Diagnosis	ICD-10-CM
S62.5	Fracture of thumb	Diagnosis	ICD-10-CM
S62.50	Fracture of unspecified phalanx of thumb	Diagnosis	ICD-10-CM
S62.501	Fracture of unspecified phalanx of right thumb	Diagnosis	ICD-10-CM
S62.501A	Fracture of unspecified phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.501B	Fracture of unspecified phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.501D	Fracture of unspecified phalanx of right thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.501G	Fracture of unspecified phalanx of right thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.501K	Fracture of unspecified phalanx of right thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.501P	Fracture of unspecified phalanx of right thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.501S	Fracture of unspecified phalanx of right thumb, sequela	Diagnosis	ICD-10-CM
S62.502	Fracture of unspecified phalanx of left thumb	Diagnosis	ICD-10-CM
S62.502A	Fracture of unspecified phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.502B	Fracture of unspecified phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.502D	Fracture of unspecified phalanx of left thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.502G	Fracture of unspecified phalanx of left thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.502K	Fracture of unspecified phalanx of left thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.502P	Fracture of unspecified phalanx of left thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.502S	Fracture of unspecified phalanx of left thumb, sequela	Diagnosis	ICD-10-CM
S62.509	Fracture of unspecified phalanx of unspecified thumb	Diagnosis	ICD-10-CM
S62.509A	Fracture of unspecified phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.509B	Fracture of unspecified phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.509D	Fracture of unspecified phalanx of unspecified thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.509G	Fracture of unspecified phalanx of unspecified thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.509K	Fracture of unspecified phalanx of unspecified thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.509P	Fracture of unspecified phalanx of unspecified thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.509S	Fracture of unspecified phalanx of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S62.51	Fracture of proximal phalanx of thumb	Diagnosis	ICD-10-CM
S62.511	Displaced fracture of proximal phalanx of right thumb	Diagnosis	ICD-10-CM
S62.511A	Displaced fracture of proximal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.511B	Displaced fracture of proximal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.511D	Displaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.511G	Displaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.511K	Displaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.511P	Displaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.511S	Displaced fracture of proximal phalanx of right thumb, sequela	Diagnosis	ICD-10-CM
S62.512	Displaced fracture of proximal phalanx of left thumb	Diagnosis	ICD-10-CM
S62.512A	Displaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.512B	Displaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.512D	Displaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.512G	Displaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.512K	Displaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.512P	Displaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.512S	Displaced fracture of proximal phalanx of left thumb, sequela	Diagnosis	ICD-10-CM
S62.513	Displaced fracture of proximal phalanx of unspecified thumb	Diagnosis	ICD-10-CM
S62.513A	Displaced fracture of proximal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.513B	Displaced fracture of proximal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.513D	Displaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.513G	Displaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.513K	Displaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.513P	Displaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.513S	Displaced fracture of proximal phalanx of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S62.514	Nondisplaced fracture of proximal phalanx of right thumb	Diagnosis	ICD-10-CM
S62.514A	Nondisplaced fracture of proximal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.514B	Nondisplaced fracture of proximal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.514D	Nondisplaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.514G	Nondisplaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.514K	Nondisplaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.514P	Nondisplaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.514S	Nondisplaced fracture of proximal phalanx of right thumb, sequela	Diagnosis	ICD-10-CM
S62.515	Nondisplaced fracture of proximal phalanx of left thumb	Diagnosis	ICD-10-CM
S62.515A	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.515B	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.515D	Nondisplaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.515G	Nondisplaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.515K	Nondisplaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.515P	Nondisplaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.515S	Nondisplaced fracture of proximal phalanx of left thumb, sequela	Diagnosis	ICD-10-CM
S62.516	Nondisplaced fracture of proximal phalanx of unspecified thumb	Diagnosis	ICD-10-CM
S62.516A	Nondisplaced fracture of proximal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.516B	Nondisplaced fracture of proximal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.516D	Nondisplaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.516G	Nondisplaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.516K	Nondisplaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.516P	Nondisplaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.516S	Nondisplaced fracture of proximal phalanx of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S62.52	Fracture of distal phalanx of thumb	Diagnosis	ICD-10-CM
S62.521	Displaced fracture of distal phalanx of right thumb	Diagnosis	ICD-10-CM
S62.521A	Displaced fracture of distal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.521B	Displaced fracture of distal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.521D	Displaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.521G	Displaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.521K	Displaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.521P	Displaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.521S	Displaced fracture of distal phalanx of right thumb, sequela	Diagnosis	ICD-10-CM
S62.522	Displaced fracture of distal phalanx of left thumb	Diagnosis	ICD-10-CM
S62.522A	Displaced fracture of distal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.522B	Displaced fracture of distal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.522D	Displaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.522G	Displaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.522K	Displaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.522P	Displaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.522S	Displaced fracture of distal phalanx of left thumb, sequela	Diagnosis	ICD-10-CM
S62.523	Displaced fracture of distal phalanx of unspecified thumb	Diagnosis	ICD-10-CM
S62.523A	Displaced fracture of distal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.523B	Displaced fracture of distal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.523D	Displaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.523G	Displaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.523K	Displaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.523P	Displaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.523S	Displaced fracture of distal phalanx of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S62.524	Nondisplaced fracture of distal phalanx of right thumb	Diagnosis	ICD-10-CM
S62.524A	Nondisplaced fracture of distal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.524B	Nondisplaced fracture of distal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.524D	Nondisplaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.524G	Nondisplaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.524K	Nondisplaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.524P	Nondisplaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.524S	Nondisplaced fracture of distal phalanx of right thumb, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.525	Nondisplaced fracture of distal phalanx of left thumb	Diagnosis	ICD-10-CM
S62.525A	Nondisplaced fracture of distal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.525B	Nondisplaced fracture of distal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.525D	Nondisplaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.525G	Nondisplaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.525K	Nondisplaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.525P	Nondisplaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.525S	Nondisplaced fracture of distal phalanx of left thumb, sequela	Diagnosis	ICD-10-CM
S62.526	Nondisplaced fracture of distal phalanx of unspecified thumb	Diagnosis	ICD-10-CM
S62.526A	Nondisplaced fracture of distal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.526B	Nondisplaced fracture of distal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.526D	Nondisplaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.526G	Nondisplaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.526K	Nondisplaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.526P	Nondisplaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.526S	Nondisplaced fracture of distal phalanx of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S62.6	Fracture of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S62.60	Fracture of unspecified phalanx of finger	Diagnosis	ICD-10-CM
S62.600	Fracture of unspecified phalanx of right index finger	Diagnosis	ICD-10-CM
S62.600A	Fracture of unspecified phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.600B	Fracture of unspecified phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.600D	Fracture of unspecified phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.600G	Fracture of unspecified phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.600K	Fracture of unspecified phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.600P	Fracture of unspecified phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.600S	Fracture of unspecified phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.601	Fracture of unspecified phalanx of left index finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.601A	Fracture of unspecified phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.601B	Fracture of unspecified phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.601D	Fracture of unspecified phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.601G	Fracture of unspecified phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.601K	Fracture of unspecified phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.601P	Fracture of unspecified phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.601S	Fracture of unspecified phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.602	Fracture of unspecified phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.602A	Fracture of unspecified phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.602B	Fracture of unspecified phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.602D	Fracture of unspecified phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.602G	Fracture of unspecified phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.602K	Fracture of unspecified phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.602P	Fracture of unspecified phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.602S	Fracture of unspecified phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.603	Fracture of unspecified phalanx of left middle finger	Diagnosis	ICD-10-CM
S62.603A	Fracture of unspecified phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.603B	Fracture of unspecified phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.603D	Fracture of unspecified phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.603G	Fracture of unspecified phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.603K	Fracture of unspecified phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.603P	Fracture of unspecified phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.603S	Fracture of unspecified phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM
S62.604	Fracture of unspecified phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.604A	Fracture of unspecified phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.604B	Fracture of unspecified phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.604D	Fracture of unspecified phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.604G	Fracture of unspecified phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.604K	Fracture of unspecified phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.604P	Fracture of unspecified phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.604S	Fracture of unspecified phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.605	Fracture of unspecified phalanx of left ring finger	Diagnosis	ICD-10-CM
S62.605A	Fracture of unspecified phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.605B	Fracture of unspecified phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.605D	Fracture of unspecified phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.605G	Fracture of unspecified phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.605K	Fracture of unspecified phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.605P	Fracture of unspecified phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.605S	Fracture of unspecified phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.606	Fracture of unspecified phalanx of right little finger	Diagnosis	ICD-10-CM
S62.606A	Fracture of unspecified phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.606B	Fracture of unspecified phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.606D	Fracture of unspecified phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.606G	Fracture of unspecified phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.606K	Fracture of unspecified phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.606P	Fracture of unspecified phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.606S	Fracture of unspecified phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.607	Fracture of unspecified phalanx of left little finger	Diagnosis	ICD-10-CM
S62.607A	Fracture of unspecified phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.607B	Fracture of unspecified phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.607D	Fracture of unspecified phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.607G	Fracture of unspecified phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.607K	Fracture of unspecified phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.607P	Fracture of unspecified phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.607S	Fracture of unspecified phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.608	Fracture of unspecified phalanx of other finger	Diagnosis	ICD-10-CM
S62.608A	Fracture of unspecified phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.608B	Fracture of unspecified phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.608D	Fracture of unspecified phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.608G	Fracture of unspecified phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.608K	Fracture of unspecified phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.608P	Fracture of unspecified phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.608S	Fracture of unspecified phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.609	Fracture of unspecified phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.609A	Fracture of unspecified phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.609B	Fracture of unspecified phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.609D	Fracture of unspecified phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.609G	Fracture of unspecified phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.609K	Fracture of unspecified phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.609P	Fracture of unspecified phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.609S	Fracture of unspecified phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM
S62.61	Displaced fracture of proximal phalanx of finger	Diagnosis	ICD-10-CM
S62.610	Displaced fracture of proximal phalanx of right index finger	Diagnosis	ICD-10-CM
S62.610A	Displaced fracture of proximal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.610B	Displaced fracture of proximal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.610D	Displaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.610G	Displaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.610K	Displaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.610P	Displaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.610S	Displaced fracture of proximal phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.611	Displaced fracture of proximal phalanx of left index finger	Diagnosis	ICD-10-CM
S62.611A	Displaced fracture of proximal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.611B	Displaced fracture of proximal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.611D	Displaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.611G	Displaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.611K	Displaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.611P	Displaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.611S	Displaced fracture of proximal phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.612	Displaced fracture of proximal phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.612A	Displaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.612B	Displaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.612D	Displaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.612G	Displaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.612K	Displaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.612P	Displaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.612S	Displaced fracture of proximal phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.613	Displaced fracture of proximal phalanx of left middle finger	Diagnosis	ICD-10-CM
S62.613A	Displaced fracture of proximal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.613B	Displaced fracture of proximal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.613D	Displaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.613G	Displaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.613K	Displaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.613P	Displaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.613S	Displaced fracture of proximal phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM
S62.614	Displaced fracture of proximal phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.614A	Displaced fracture of proximal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.614B	Displaced fracture of proximal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.614D	Displaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.614G	Displaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.614K	Displaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.614P	Displaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.614S	Displaced fracture of proximal phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.615	Displaced fracture of proximal phalanx of left ring finger	Diagnosis	ICD-10-CM
S62.615A	Displaced fracture of proximal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.615B	Displaced fracture of proximal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.615D	Displaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.615G	Displaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.615K	Displaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.615P	Displaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.615S	Displaced fracture of proximal phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.616	Displaced fracture of proximal phalanx of right little finger	Diagnosis	ICD-10-CM
S62.616A	Displaced fracture of proximal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.616B	Displaced fracture of proximal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.616D	Displaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.616G	Displaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.616K	Displaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.616P	Displaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.616S	Displaced fracture of proximal phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.617	Displaced fracture of proximal phalanx of left little finger	Diagnosis	ICD-10-CM
S62.617A	Displaced fracture of proximal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.617B	Displaced fracture of proximal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.617D	Displaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.617G	Displaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.617K	Displaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.617P	Displaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.617S	Displaced fracture of proximal phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.618	Displaced fracture of proximal phalanx of other finger	Diagnosis	ICD-10-CM
S62.618A	Displaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.618B	Displaced fracture of proximal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.618D	Displaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.618G	Displaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.618K	Displaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.618P	Displaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.618S	Displaced fracture of proximal phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.619	Displaced fracture of proximal phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.619A	Displaced fracture of proximal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.619B	Displaced fracture of proximal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.619D	Displaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.619G	Displaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.619K	Displaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.619P	Displaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.619S	Displaced fracture of proximal phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.62	Displaced fracture of middle phalanx of finger	Diagnosis	ICD-10-CM
S62.620	Displaced fracture of middle phalanx of right index finger	Diagnosis	ICD-10-CM
S62.620A	Displaced fracture of middle phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.620B	Displaced fracture of middle phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.620D	Displaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.620G	Displaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.620K	Displaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.620P	Displaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.620S	Displaced fracture of middle phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.621	Displaced fracture of middle phalanx of left index finger	Diagnosis	ICD-10-CM
S62.621A	Displaced fracture of middle phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.621B	Displaced fracture of middle phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.621D	Displaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.621G	Displaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.621K	Displaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.621P	Displaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.621S	Displaced fracture of middle phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.622	Displaced fracture of middle phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.622A	Displaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.622B	Displaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.622D	Displaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.622G	Displaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.622K	Displaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.622P	Displaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.622S	Displaced fracture of middle phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.623	Displaced fracture of middle phalanx of left middle finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.623A	Displaced fracture of middle phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.623B	Displaced fracture of middle phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.623D	Displaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.623G	Displaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.623K	Displaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.623P	Displaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.623S	Displaced fracture of middle phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM
S62.624	Displaced fracture of middle phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.624A	Displaced fracture of middle phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.624B	Displaced fracture of middle phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.624D	Displaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.624G	Displaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.624K	Displaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.624P	Displaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.624S	Displaced fracture of middle phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.625	Displaced fracture of middle phalanx of left ring finger	Diagnosis	ICD-10-CM
S62.625A	Displaced fracture of middle phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.625B	Displaced fracture of middle phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.625D	Displaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.625G	Displaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.625K	Displaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.625P	Displaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.625S	Displaced fracture of middle phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.626	Displaced fracture of middle phalanx of right little finger	Diagnosis	ICD-10-CM
S62.626A	Displaced fracture of middle phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.626B	Displaced fracture of middle phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.626D	Displaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.626G	Displaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.626K	Displaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.626P	Displaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.626S	Displaced fracture of middle phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.627	Displaced fracture of middle phalanx of left little finger	Diagnosis	ICD-10-CM
S62.627A	Displaced fracture of middle phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.627B	Displaced fracture of middle phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.627D	Displaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.627G	Displaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.627K	Displaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.627P	Displaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.627S	Displaced fracture of middle phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.628	Displaced fracture of middle phalanx of other finger	Diagnosis	ICD-10-CM
S62.628A	Displaced fracture of middle phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.628B	Displaced fracture of middle phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.628D	Displaced fracture of middle phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.628G	Displaced fracture of middle phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.628K	Displaced fracture of middle phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.628P	Displaced fracture of middle phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.628S	Displaced fracture of middle phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.629	Displaced fracture of middle phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.629A	Displaced fracture of middle phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.629B	Displaced fracture of middle phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.629D	Displaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.629G	Displaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.629K	Displaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.629P	Displaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.629S	Displaced fracture of middle phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM
S62.63	Displaced fracture of distal phalanx of finger	Diagnosis	ICD-10-CM
S62.630	Displaced fracture of distal phalanx of right index finger	Diagnosis	ICD-10-CM
S62.630A	Displaced fracture of distal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.630B	Displaced fracture of distal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.630D	Displaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.630G	Displaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.630K	Displaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.630P	Displaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.630S	Displaced fracture of distal phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.631	Displaced fracture of distal phalanx of left index finger	Diagnosis	ICD-10-CM
S62.631A	Displaced fracture of distal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.631B	Displaced fracture of distal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.631D	Displaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.631G	Displaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.631K	Displaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.631P	Displaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.631S	Displaced fracture of distal phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.632	Displaced fracture of distal phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.632A	Displaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.632B	Displaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.632D	Displaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.632G	Displaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.632K	Displaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.632P	Displaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.632S	Displaced fracture of distal phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.633	Displaced fracture of distal phalanx of left middle finger	Diagnosis	ICD-10-CM
S62.633A	Displaced fracture of distal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.633B	Displaced fracture of distal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.633D	Displaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.633G	Displaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.633K	Displaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.633P	Displaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.633S	Displaced fracture of distal phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM
S62.634	Displaced fracture of distal phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.634A	Displaced fracture of distal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.634B	Displaced fracture of distal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.634D	Displaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.634G	Displaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.634K	Displaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.634P	Displaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.634S	Displaced fracture of distal phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.635	Displaced fracture of distal phalanx of left ring finger	Diagnosis	ICD-10-CM
S62.635A	Displaced fracture of distal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.635B	Displaced fracture of distal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.635D	Displaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.635G	Displaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.635K	Displaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.635P	Displaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.635S	Displaced fracture of distal phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.636	Displaced fracture of distal phalanx of right little finger	Diagnosis	ICD-10-CM
S62.636A	Displaced fracture of distal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.636B	Displaced fracture of distal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.636D	Displaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.636G	Displaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.636K	Displaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.636P	Displaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.636S	Displaced fracture of distal phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.637	Displaced fracture of distal phalanx of left little finger	Diagnosis	ICD-10-CM
S62.637A	Displaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.637B	Displaced fracture of distal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.637D	Displaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.637G	Displaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.637K	Displaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.637P	Displaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.637S	Displaced fracture of distal phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.638	Displaced fracture of distal phalanx of other finger	Diagnosis	ICD-10-CM
S62.638A	Displaced fracture of distal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.638B	Displaced fracture of distal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.638D	Displaced fracture of distal phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.638G	Displaced fracture of distal phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.638K	Displaced fracture of distal phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.638P	Displaced fracture of distal phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.638S	Displaced fracture of distal phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.639	Displaced fracture of distal phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.639A	Displaced fracture of distal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.639B	Displaced fracture of distal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.639D	Displaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.639G	Displaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.639K	Displaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.639P	Displaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.639S	Displaced fracture of distal phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM
S62.64	Nondisplaced fracture of proximal phalanx of finger	Diagnosis	ICD-10-CM
S62.640	Nondisplaced fracture of proximal phalanx of right index finger	Diagnosis	ICD-10-CM
S62.640A	Nondisplaced fracture of proximal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.640B	Nondisplaced fracture of proximal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.640D	Nondisplaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.640G	Nondisplaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.640K	Nondisplaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.640P	Nondisplaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.640S	Nondisplaced fracture of proximal phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.641	Nondisplaced fracture of proximal phalanx of left index finger	Diagnosis	ICD-10-CM
S62.641A	Nondisplaced fracture of proximal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.641B	Nondisplaced fracture of proximal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.641D	Nondisplaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.641G	Nondisplaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.641K	Nondisplaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.641P	Nondisplaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.641S	Nondisplaced fracture of proximal phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.642	Nondisplaced fracture of proximal phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.642A	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.642B	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.642D	Nondisplaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.642G	Nondisplaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.642K	Nondisplaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.642P	Nondisplaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.642S	Nondisplaced fracture of proximal phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.643	Nondisplaced fracture of proximal phalanx of left middle finger	Diagnosis	ICD-10-CM
S62.643A	Nondisplaced fracture of proximal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.643B	Nondisplaced fracture of proximal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.643D	Nondisplaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.643G	Nondisplaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.643K	Nondisplaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.643P	Nondisplaced fracture of proximal phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.643S	Nondisplaced fracture of proximal phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM
S62.644	Nondisplaced fracture of proximal phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.644A	Nondisplaced fracture of proximal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.644B	Nondisplaced fracture of proximal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.644D	Nondisplaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.644G	Nondisplaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.644K	Nondisplaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.644P	Nondisplaced fracture of proximal phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.644S	Nondisplaced fracture of proximal phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.645	Nondisplaced fracture of proximal phalanx of left ring finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.645A	Nondisplaced fracture of proximal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.645B	Nondisplaced fracture of proximal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.645D	Nondisplaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.645G	Nondisplaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.645K	Nondisplaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.645P	Nondisplaced fracture of proximal phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.645S	Nondisplaced fracture of proximal phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.646	Nondisplaced fracture of proximal phalanx of right little finger	Diagnosis	ICD-10-CM
S62.646A	Nondisplaced fracture of proximal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.646B	Nondisplaced fracture of proximal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.646D	Nondisplaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.646G	Nondisplaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.646K	Nondisplaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.646P	Nondisplaced fracture of proximal phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.646S	Nondisplaced fracture of proximal phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.647	Nondisplaced fracture of proximal phalanx of left little finger	Diagnosis	ICD-10-CM
S62.647A	Nondisplaced fracture of proximal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.647B	Nondisplaced fracture of proximal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.647D	Nondisplaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.647G	Nondisplaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.647K	Nondisplaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.647P	Nondisplaced fracture of proximal phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.647S	Nondisplaced fracture of proximal phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.648	Nondisplaced fracture of proximal phalanx of other finger	Diagnosis	ICD-10-CM
S62.648A	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.648B	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.648D	Nondisplaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.648G	Nondisplaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.648K	Nondisplaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.648P	Nondisplaced fracture of proximal phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.648S	Nondisplaced fracture of proximal phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.649	Nondisplaced fracture of proximal phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.649A	Nondisplaced fracture of proximal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.649B	Nondisplaced fracture of proximal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.649D	Nondisplaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.649G	Nondisplaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.649K	Nondisplaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.649P	Nondisplaced fracture of proximal phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.649S	Nondisplaced fracture of proximal phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM
S62.65	Nondisplaced fracture of middle phalanx of finger	Diagnosis	ICD-10-CM
S62.650	Nondisplaced fracture of middle phalanx of right index finger	Diagnosis	ICD-10-CM
S62.650A	Nondisplaced fracture of middle phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.650B	Nondisplaced fracture of middle phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.650D	Nondisplaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.650G	Nondisplaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.650K	Nondisplaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.650P	Nondisplaced fracture of middle phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.650S	Nondisplaced fracture of middle phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.651	Nondisplaced fracture of middle phalanx of left index finger	Diagnosis	ICD-10-CM
S62.651A	Nondisplaced fracture of middle phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.651B	Nondisplaced fracture of middle phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.651D	Nondisplaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.651G	Nondisplaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.651K	Nondisplaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.651P	Nondisplaced fracture of middle phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.651S	Nondisplaced fracture of middle phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.652	Nondisplaced fracture of middle phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.652A	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.652B	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.652D	Nondisplaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.652G	Nondisplaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.652K	Nondisplaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.652P	Nondisplaced fracture of middle phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.652S	Nondisplaced fracture of middle phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.653	Nondisplaced fracture of middle phalanx of left middle finger	Diagnosis	ICD-10-CM
S62.653A	Nondisplaced fracture of middle phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.653B	Nondisplaced fracture of middle phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.653D	Nondisplaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.653G	Nondisplaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.653K	Nondisplaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.653P	Nondisplaced fracture of middle phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.653S	Nondisplaced fracture of middle phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM
S62.654	Nondisplaced fracture of middle phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.654A	Nondisplaced fracture of middle phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.654B	Nondisplaced fracture of middle phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.654D	Nondisplaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.654G	Nondisplaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.654K	Nondisplaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.654P	Nondisplaced fracture of middle phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.654S	Nondisplaced fracture of middle phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.655	Nondisplaced fracture of middle phalanx of left ring finger	Diagnosis	ICD-10-CM
S62.655A	Nondisplaced fracture of middle phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.655B	Nondisplaced fracture of middle phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.655D	Nondisplaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.655G	Nondisplaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.655K	Nondisplaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.655P	Nondisplaced fracture of middle phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.655S	Nondisplaced fracture of middle phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.656	Nondisplaced fracture of middle phalanx of right little finger	Diagnosis	ICD-10-CM
S62.656A	Nondisplaced fracture of middle phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.656B	Nondisplaced fracture of middle phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.656D	Nondisplaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.656G	Nondisplaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.656K	Nondisplaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.656P	Nondisplaced fracture of middle phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.656S	Nondisplaced fracture of middle phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.657	Nondisplaced fracture of middle phalanx of left little finger	Diagnosis	ICD-10-CM
S62.657A	Nondisplaced fracture of middle phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.657B	Nondisplaced fracture of middle phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.657D	Nondisplaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.657G	Nondisplaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.657K	Nondisplaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.657P	Nondisplaced fracture of middle phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.657S	Nondisplaced fracture of middle phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.658	Nondisplaced fracture of middle phalanx of other finger	Diagnosis	ICD-10-CM
S62.658A	Nondisplaced fracture of middle phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.658B	Nondisplaced fracture of middle phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.658D	Nondisplaced fracture of middle phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.658G	Nondisplaced fracture of middle phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.658K	Nondisplaced fracture of middle phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.658P	Nondisplaced fracture of middle phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.658S	Nondisplaced fracture of middle phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.659	Nondisplaced fracture of middle phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.659A	Nondisplaced fracture of middle phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.659B	Nondisplaced fracture of middle phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.659D	Nondisplaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.659G	Nondisplaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.659K	Nondisplaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.659P	Nondisplaced fracture of middle phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.659S	Nondisplaced fracture of middle phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM
S62.66	Nondisplaced fracture of distal phalanx of finger	Diagnosis	ICD-10-CM
S62.660	Nondisplaced fracture of distal phalanx of right index finger	Diagnosis	ICD-10-CM
S62.660A	Nondisplaced fracture of distal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.660B	Nondisplaced fracture of distal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.660D	Nondisplaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.660G	Nondisplaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.660K	Nondisplaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.660P	Nondisplaced fracture of distal phalanx of right index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.660S	Nondisplaced fracture of distal phalanx of right index finger, sequela	Diagnosis	ICD-10-CM
S62.661	Nondisplaced fracture of distal phalanx of left index finger	Diagnosis	ICD-10-CM
S62.661A	Nondisplaced fracture of distal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.661B	Nondisplaced fracture of distal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.661D	Nondisplaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.661G	Nondisplaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.661K	Nondisplaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.661P	Nondisplaced fracture of distal phalanx of left index finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.661S	Nondisplaced fracture of distal phalanx of left index finger, sequela	Diagnosis	ICD-10-CM
S62.662	Nondisplaced fracture of distal phalanx of right middle finger	Diagnosis	ICD-10-CM
S62.662A	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.662B	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.662D	Nondisplaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.662G	Nondisplaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.662K	Nondisplaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.662P	Nondisplaced fracture of distal phalanx of right middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.662S	Nondisplaced fracture of distal phalanx of right middle finger, sequela	Diagnosis	ICD-10-CM
S62.663	Nondisplaced fracture of distal phalanx of left middle finger	Diagnosis	ICD-10-CM
S62.663A	Nondisplaced fracture of distal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.663B	Nondisplaced fracture of distal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.663D	Nondisplaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.663G	Nondisplaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.663K	Nondisplaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.663P	Nondisplaced fracture of distal phalanx of left middle finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.663S	Nondisplaced fracture of distal phalanx of left middle finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.664	Nondisplaced fracture of distal phalanx of right ring finger	Diagnosis	ICD-10-CM
S62.664A	Nondisplaced fracture of distal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.664B	Nondisplaced fracture of distal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.664D	Nondisplaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.664G	Nondisplaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.664K	Nondisplaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.664P	Nondisplaced fracture of distal phalanx of right ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.664S	Nondisplaced fracture of distal phalanx of right ring finger, sequela	Diagnosis	ICD-10-CM
S62.665	Nondisplaced fracture of distal phalanx of left ring finger	Diagnosis	ICD-10-CM
S62.665A	Nondisplaced fracture of distal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.665B	Nondisplaced fracture of distal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.665D	Nondisplaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.665G	Nondisplaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.665K	Nondisplaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.665P	Nondisplaced fracture of distal phalanx of left ring finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.665S	Nondisplaced fracture of distal phalanx of left ring finger, sequela	Diagnosis	ICD-10-CM
S62.666	Nondisplaced fracture of distal phalanx of right little finger	Diagnosis	ICD-10-CM
S62.666A	Nondisplaced fracture of distal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.666B	Nondisplaced fracture of distal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.666D	Nondisplaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.666G	Nondisplaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.666K	Nondisplaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.666P	Nondisplaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.666S	Nondisplaced fracture of distal phalanx of right little finger, sequela	Diagnosis	ICD-10-CM
S62.667	Nondisplaced fracture of distal phalanx of left little finger	Diagnosis	ICD-10-CM
S62.667A	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.667B	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.667D	Nondisplaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.667G	Nondisplaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.667K	Nondisplaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.667P	Nondisplaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.667S	Nondisplaced fracture of distal phalanx of left little finger, sequela	Diagnosis	ICD-10-CM
S62.668	Nondisplaced fracture of distal phalanx of other finger	Diagnosis	ICD-10-CM
S62.668A	Nondisplaced fracture of distal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.668B	Nondisplaced fracture of distal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.668D	Nondisplaced fracture of distal phalanx of other finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.668G	Nondisplaced fracture of distal phalanx of other finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.668K	Nondisplaced fracture of distal phalanx of other finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.668P	Nondisplaced fracture of distal phalanx of other finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.668S	Nondisplaced fracture of distal phalanx of other finger, sequela	Diagnosis	ICD-10-CM
S62.669	Nondisplaced fracture of distal phalanx of unspecified finger	Diagnosis	ICD-10-CM
S62.669A	Nondisplaced fracture of distal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.669B	Nondisplaced fracture of distal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.669D	Nondisplaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.669G	Nondisplaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.669K	Nondisplaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.669P	Nondisplaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.669S	Nondisplaced fracture of distal phalanx of unspecified finger, sequela	Diagnosis	ICD-10-CM
S62.9	Unspecified fracture of wrist and hand	Diagnosis	ICD-10-CM
S62.90	Unspecified fracture of unspecified wrist and hand	Diagnosis	ICD-10-CM
S62.90XA	Unspecified fracture of unspecified wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.90XB	Unspecified fracture of unspecified wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S62.90XD	Unspecified fracture of unspecified wrist and hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.90XG	Unspecified fracture of unspecified wrist and hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.90XK	Unspecified fracture of unspecified wrist and hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.90XP	Unspecified fracture of unspecified wrist and hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.90XS	Unspecified fracture of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S62.91	Unspecified fracture of right wrist and hand	Diagnosis	ICD-10-CM
S62.91XA	Unspecified fracture of right wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.91XB	Unspecified fracture of right wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.91XD	Unspecified fracture of right wrist and hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.91XG	Unspecified fracture of right wrist and hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.91XK	Unspecified fracture of right wrist and hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.91XP	Unspecified fracture of right wrist and hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.91XS	Unspecified fracture of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S62.92	Unspecified fracture of left wrist and hand	Diagnosis	ICD-10-CM
S62.92XA	Unspecified fracture of left wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.92XB	Unspecified fracture of left wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.92XD	Unspecified fracture of left wrist and hand, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S62.92XG	Unspecified fracture of left wrist and hand, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S62.92XK	Unspecified fracture of left wrist and hand, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S62.92XP	Unspecified fracture of left wrist and hand, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S62.92XS	Unspecified fracture of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S63	Dislocation and sprain of joints and ligaments at wrist and hand level	Diagnosis	ICD-10-CM
S63.0	Subluxation and dislocation of wrist and hand joints	Diagnosis	ICD-10-CM
S63.00	Unspecified subluxation and dislocation of wrist and hand	Diagnosis	ICD-10-CM
S63.001	Unspecified subluxation of right wrist and hand	Diagnosis	ICD-10-CM
S63.001A	Unspecified subluxation of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.001D	Unspecified subluxation of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.001S	Unspecified subluxation of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.002	Unspecified subluxation of left wrist and hand	Diagnosis	ICD-10-CM
S63.002A	Unspecified subluxation of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.002D	Unspecified subluxation of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.002S	Unspecified subluxation of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.003	Unspecified subluxation of unspecified wrist and hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.003A	Unspecified subluxation of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.003D	Unspecified subluxation of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.003S	Unspecified subluxation of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.004	Unspecified dislocation of right wrist and hand	Diagnosis	ICD-10-CM
S63.004A	Unspecified dislocation of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.004D	Unspecified dislocation of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.004S	Unspecified dislocation of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.005	Unspecified dislocation of left wrist and hand	Diagnosis	ICD-10-CM
S63.005A	Unspecified dislocation of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.005D	Unspecified dislocation of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.005S	Unspecified dislocation of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.006	Unspecified dislocation of unspecified wrist and hand	Diagnosis	ICD-10-CM
S63.006A	Unspecified dislocation of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.006D	Unspecified dislocation of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.006S	Unspecified dislocation of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.01	Subluxation and dislocation of distal radioulnar joint	Diagnosis	ICD-10-CM
S63.011	Subluxation of distal radioulnar joint of right wrist	Diagnosis	ICD-10-CM
S63.011A	Subluxation of distal radioulnar joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.011D	Subluxation of distal radioulnar joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.011S	Subluxation of distal radioulnar joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.012	Subluxation of distal radioulnar joint of left wrist	Diagnosis	ICD-10-CM
S63.012A	Subluxation of distal radioulnar joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.012D	Subluxation of distal radioulnar joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.012S	Subluxation of distal radioulnar joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.013	Subluxation of distal radioulnar joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.013A	Subluxation of distal radioulnar joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.013D	Subluxation of distal radioulnar joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.013S	Subluxation of distal radioulnar joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.014	Dislocation of distal radioulnar joint of right wrist	Diagnosis	ICD-10-CM
S63.014A	Dislocation of distal radioulnar joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.014D	Dislocation of distal radioulnar joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.014S	Dislocation of distal radioulnar joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.015	Dislocation of distal radioulnar joint of left wrist	Diagnosis	ICD-10-CM
S63.015A	Dislocation of distal radioulnar joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.015D	Dislocation of distal radioulnar joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.015S	Dislocation of distal radioulnar joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.016	Dislocation of distal radioulnar joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.016A	Dislocation of distal radioulnar joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.016D	Dislocation of distal radioulnar joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.016S	Dislocation of distal radioulnar joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.02	Subluxation and dislocation of radiocarpal joint	Diagnosis	ICD-10-CM
S63.021	Subluxation of radiocarpal joint of right wrist	Diagnosis	ICD-10-CM
S63.021A	Subluxation of radiocarpal joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.021D	Subluxation of radiocarpal joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.021S	Subluxation of radiocarpal joint of right wrist, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.022	Subluxation of radiocarpal joint of left wrist	Diagnosis	ICD-10-CM
S63.022A	Subluxation of radiocarpal joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.022D	Subluxation of radiocarpal joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.022S	Subluxation of radiocarpal joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.023	Subluxation of radiocarpal joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.023A	Subluxation of radiocarpal joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.023D	Subluxation of radiocarpal joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.023S	Subluxation of radiocarpal joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.024	Dislocation of radiocarpal joint of right wrist	Diagnosis	ICD-10-CM
S63.024A	Dislocation of radiocarpal joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.024D	Dislocation of radiocarpal joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.024S	Dislocation of radiocarpal joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.025	Dislocation of radiocarpal joint of left wrist	Diagnosis	ICD-10-CM
S63.025A	Dislocation of radiocarpal joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.025D	Dislocation of radiocarpal joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.025S	Dislocation of radiocarpal joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.026	Dislocation of radiocarpal joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.026A	Dislocation of radiocarpal joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.026D	Dislocation of radiocarpal joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.026S	Dislocation of radiocarpal joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.03	Subluxation and dislocation of midcarpal joint	Diagnosis	ICD-10-CM
S63.031	Subluxation of midcarpal joint of right wrist	Diagnosis	ICD-10-CM
S63.031A	Subluxation of midcarpal joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.031D	Subluxation of midcarpal joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.031S	Subluxation of midcarpal joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.032	Subluxation of midcarpal joint of left wrist	Diagnosis	ICD-10-CM
S63.032A	Subluxation of midcarpal joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.032D	Subluxation of midcarpal joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.032S	Subluxation of midcarpal joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.033	Subluxation of midcarpal joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.033A	Subluxation of midcarpal joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.033D	Subluxation of midcarpal joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.033S	Subluxation of midcarpal joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.034	Dislocation of midcarpal joint of right wrist	Diagnosis	ICD-10-CM
S63.034A	Dislocation of midcarpal joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.034D	Dislocation of midcarpal joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.034S	Dislocation of midcarpal joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.035	Dislocation of midcarpal joint of left wrist	Diagnosis	ICD-10-CM
S63.035A	Dislocation of midcarpal joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.035D	Dislocation of midcarpal joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.035S	Dislocation of midcarpal joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.036	Dislocation of midcarpal joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.036A	Dislocation of midcarpal joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.036D	Dislocation of midcarpal joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.036S	Dislocation of midcarpal joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.04	Subluxation and dislocation of carpometacarpal joint of thumb	Diagnosis	ICD-10-CM
S63.041	Subluxation of carpometacarpal joint of right thumb	Diagnosis	ICD-10-CM
S63.041A	Subluxation of carpometacarpal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.041D	Subluxation of carpometacarpal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.041S	Subluxation of carpometacarpal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.042	Subluxation of carpometacarpal joint of left thumb	Diagnosis	ICD-10-CM
S63.042A	Subluxation of carpometacarpal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.042D	Subluxation of carpometacarpal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.042S	Subluxation of carpometacarpal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.043	Subluxation of carpometacarpal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.043A	Subluxation of carpometacarpal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.043D	Subluxation of carpometacarpal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.043S	Subluxation of carpometacarpal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.044	Dislocation of carpometacarpal joint of right thumb	Diagnosis	ICD-10-CM
S63.044A	Dislocation of carpometacarpal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.044D	Dislocation of carpometacarpal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.044S	Dislocation of carpometacarpal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.045	Dislocation of carpometacarpal joint of left thumb	Diagnosis	ICD-10-CM
S63.045A	Dislocation of carpometacarpal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.045D	Dislocation of carpometacarpal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.045S	Dislocation of carpometacarpal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.046	Dislocation of carpometacarpal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.046A	Dislocation of carpometacarpal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.046D	Dislocation of carpometacarpal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.046S	Dislocation of carpometacarpal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.05	Subluxation and dislocation of other carpometacarpal joint	Diagnosis	ICD-10-CM
S63.051	Subluxation of other carpometacarpal joint of right hand	Diagnosis	ICD-10-CM
S63.051A	Subluxation of other carpometacarpal joint of right hand, initial encounter	Diagnosis	ICD-10-CM
S63.051D	Subluxation of other carpometacarpal joint of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.051S	Subluxation of other carpometacarpal joint of right hand, sequela	Diagnosis	ICD-10-CM
S63.052	Subluxation of other carpometacarpal joint of left hand	Diagnosis	ICD-10-CM
S63.052A	Subluxation of other carpometacarpal joint of left hand, initial encounter	Diagnosis	ICD-10-CM
S63.052D	Subluxation of other carpometacarpal joint of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.052S	Subluxation of other carpometacarpal joint of left hand, sequela	Diagnosis	ICD-10-CM
S63.053	Subluxation of other carpometacarpal joint of unspecified hand	Diagnosis	ICD-10-CM
S63.053A	Subluxation of other carpometacarpal joint of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S63.053D	Subluxation of other carpometacarpal joint of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.053S	Subluxation of other carpometacarpal joint of unspecified hand, sequela	Diagnosis	ICD-10-CM
S63.054	Dislocation of other carpometacarpal joint of right hand	Diagnosis	ICD-10-CM
S63.054A	Dislocation of other carpometacarpal joint of right hand, initial encounter	Diagnosis	ICD-10-CM
S63.054D	Dislocation of other carpometacarpal joint of right hand, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.054S	Dislocation of other carpometacarpal joint of right hand, sequela	Diagnosis	ICD-10-CM
S63.055	Dislocation of other carpometacarpal joint of left hand	Diagnosis	ICD-10-CM
S63.055A	Dislocation of other carpometacarpal joint of left hand, initial encounter	Diagnosis	ICD-10-CM
S63.055D	Dislocation of other carpometacarpal joint of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.055S	Dislocation of other carpometacarpal joint of left hand, sequela	Diagnosis	ICD-10-CM
S63.056	Dislocation of other carpometacarpal joint of unspecified hand	Diagnosis	ICD-10-CM
S63.056A	Dislocation of other carpometacarpal joint of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S63.056D	Dislocation of other carpometacarpal joint of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.056S	Dislocation of other carpometacarpal joint of unspecified hand, sequela	Diagnosis	ICD-10-CM
S63.06	Subluxation and dislocation of metacarpal (bone), proximal end	Diagnosis	ICD-10-CM
S63.061	Subluxation of metacarpal (bone), proximal end of right hand	Diagnosis	ICD-10-CM
S63.061A	Subluxation of metacarpal (bone), proximal end of right hand, initial encounter	Diagnosis	ICD-10-CM
S63.061D	Subluxation of metacarpal (bone), proximal end of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.061S	Subluxation of metacarpal (bone), proximal end of right hand, sequela	Diagnosis	ICD-10-CM
S63.062	Subluxation of metacarpal (bone), proximal end of left hand	Diagnosis	ICD-10-CM
S63.062A	Subluxation of metacarpal (bone), proximal end of left hand, initial encounter	Diagnosis	ICD-10-CM
S63.062D	Subluxation of metacarpal (bone), proximal end of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.062S	Subluxation of metacarpal (bone), proximal end of left hand, sequela	Diagnosis	ICD-10-CM
S63.063	Subluxation of metacarpal (bone), proximal end of unspecified hand	Diagnosis	ICD-10-CM
S63.063A	Subluxation of metacarpal (bone), proximal end of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S63.063D	Subluxation of metacarpal (bone), proximal end of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.063S	Subluxation of metacarpal (bone), proximal end of unspecified hand, sequela	Diagnosis	ICD-10-CM
S63.064	Dislocation of metacarpal (bone), proximal end of right hand	Diagnosis	ICD-10-CM
S63.064A	Dislocation of metacarpal (bone), proximal end of right hand, initial encounter	Diagnosis	ICD-10-CM
S63.064D	Dislocation of metacarpal (bone), proximal end of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.064S	Dislocation of metacarpal (bone), proximal end of right hand, sequela	Diagnosis	ICD-10-CM
S63.065	Dislocation of metacarpal (bone), proximal end of left hand	Diagnosis	ICD-10-CM
S63.065A	Dislocation of metacarpal (bone), proximal end of left hand, initial encounter	Diagnosis	ICD-10-CM
S63.065D	Dislocation of metacarpal (bone), proximal end of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.065S	Dislocation of metacarpal (bone), proximal end of left hand, sequela	Diagnosis	ICD-10-CM
S63.066	Dislocation of metacarpal (bone), proximal end of unspecified hand	Diagnosis	ICD-10-CM
S63.066A	Dislocation of metacarpal (bone), proximal end of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S63.066D	Dislocation of metacarpal (bone), proximal end of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.066S	Dislocation of metacarpal (bone), proximal end of unspecified hand, sequela	Diagnosis	ICD-10-CM
S63.07	Subluxation and dislocation of distal end of ulna	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.071	Subluxation of distal end of right ulna	Diagnosis	ICD-10-CM
S63.071A	Subluxation of distal end of right ulna, initial encounter	Diagnosis	ICD-10-CM
S63.071D	Subluxation of distal end of right ulna, subsequent encounter	Diagnosis	ICD-10-CM
S63.071S	Subluxation of distal end of right ulna, sequela	Diagnosis	ICD-10-CM
S63.072	Subluxation of distal end of left ulna	Diagnosis	ICD-10-CM
S63.072A	Subluxation of distal end of left ulna, initial encounter	Diagnosis	ICD-10-CM
S63.072D	Subluxation of distal end of left ulna, subsequent encounter	Diagnosis	ICD-10-CM
S63.072S	Subluxation of distal end of left ulna, sequela	Diagnosis	ICD-10-CM
S63.073	Subluxation of distal end of unspecified ulna	Diagnosis	ICD-10-CM
S63.073A	Subluxation of distal end of unspecified ulna, initial encounter	Diagnosis	ICD-10-CM
S63.073D	Subluxation of distal end of unspecified ulna, subsequent encounter	Diagnosis	ICD-10-CM
S63.073S	Subluxation of distal end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S63.074	Dislocation of distal end of right ulna	Diagnosis	ICD-10-CM
S63.074A	Dislocation of distal end of right ulna, initial encounter	Diagnosis	ICD-10-CM
S63.074D	Dislocation of distal end of right ulna, subsequent encounter	Diagnosis	ICD-10-CM
S63.074S	Dislocation of distal end of right ulna, sequela	Diagnosis	ICD-10-CM
S63.075	Dislocation of distal end of left ulna	Diagnosis	ICD-10-CM
S63.075A	Dislocation of distal end of left ulna, initial encounter	Diagnosis	ICD-10-CM
S63.075D	Dislocation of distal end of left ulna, subsequent encounter	Diagnosis	ICD-10-CM
S63.075S	Dislocation of distal end of left ulna, sequela	Diagnosis	ICD-10-CM
S63.076	Dislocation of distal end of unspecified ulna	Diagnosis	ICD-10-CM
S63.076A	Dislocation of distal end of unspecified ulna, initial encounter	Diagnosis	ICD-10-CM
S63.076D	Dislocation of distal end of unspecified ulna, subsequent encounter	Diagnosis	ICD-10-CM
S63.076S	Dislocation of distal end of unspecified ulna, sequela	Diagnosis	ICD-10-CM
S63.09	Other subluxation and dislocation of wrist and hand	Diagnosis	ICD-10-CM
S63.091	Other subluxation of right wrist and hand	Diagnosis	ICD-10-CM
S63.091A	Other subluxation of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.091D	Other subluxation of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.091S	Other subluxation of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.092	Other subluxation of left wrist and hand	Diagnosis	ICD-10-CM
S63.092A	Other subluxation of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.092D	Other subluxation of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.092S	Other subluxation of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.093	Other subluxation of unspecified wrist and hand	Diagnosis	ICD-10-CM
S63.093A	Other subluxation of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.093D	Other subluxation of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.093S	Other subluxation of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.094	Other dislocation of right wrist and hand	Diagnosis	ICD-10-CM
S63.094A	Other dislocation of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.094D	Other dislocation of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.094S	Other dislocation of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.095	Other dislocation of left wrist and hand	Diagnosis	ICD-10-CM
S63.095A	Other dislocation of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.095D	Other dislocation of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.095S	Other dislocation of left wrist and hand, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.096	Other dislocation of unspecified wrist and hand	Diagnosis	ICD-10-CM
S63.096A	Other dislocation of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.096D	Other dislocation of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.096S	Other dislocation of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.1	Subluxation and dislocation of thumb	Diagnosis	ICD-10-CM
S63.10	Unspecified subluxation and dislocation of thumb	Diagnosis	ICD-10-CM
S63.101	Unspecified subluxation of right thumb	Diagnosis	ICD-10-CM
S63.101A	Unspecified subluxation of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.101D	Unspecified subluxation of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.101S	Unspecified subluxation of right thumb, sequela	Diagnosis	ICD-10-CM
S63.102	Unspecified subluxation of left thumb	Diagnosis	ICD-10-CM
S63.102A	Unspecified subluxation of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.102D	Unspecified subluxation of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.102S	Unspecified subluxation of left thumb, sequela	Diagnosis	ICD-10-CM
S63.103	Unspecified subluxation of unspecified thumb	Diagnosis	ICD-10-CM
S63.103A	Unspecified subluxation of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.103D	Unspecified subluxation of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.103S	Unspecified subluxation of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.104	Unspecified dislocation of right thumb	Diagnosis	ICD-10-CM
S63.104A	Unspecified dislocation of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.104D	Unspecified dislocation of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.104S	Unspecified dislocation of right thumb, sequela	Diagnosis	ICD-10-CM
S63.105	Unspecified dislocation of left thumb	Diagnosis	ICD-10-CM
S63.105A	Unspecified dislocation of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.105D	Unspecified dislocation of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.105S	Unspecified dislocation of left thumb, sequela	Diagnosis	ICD-10-CM
S63.106	Unspecified dislocation of unspecified thumb	Diagnosis	ICD-10-CM
S63.106A	Unspecified dislocation of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.106D	Unspecified dislocation of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.106S	Unspecified dislocation of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.11	Subluxation and dislocation of metacarpophalangeal joint of thumb	Diagnosis	ICD-10-CM
S63.111	Subluxation of metacarpophalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.111A	Subluxation of metacarpophalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.111D	Subluxation of metacarpophalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.111S	Subluxation of metacarpophalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.112	Subluxation of metacarpophalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.112A	Subluxation of metacarpophalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.112D	Subluxation of metacarpophalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.112S	Subluxation of metacarpophalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.113	Subluxation of metacarpophalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.113A	Subluxation of metacarpophalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.113D	Subluxation of metacarpophalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.113S	Subluxation of metacarpophalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.114	Dislocation of metacarpophalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.114A	Dislocation of metacarpophalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.114D	Dislocation of metacarpophalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.114S	Dislocation of metacarpophalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.115	Dislocation of metacarpophalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.115A	Dislocation of metacarpophalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.115D	Dislocation of metacarpophalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.115S	Dislocation of metacarpophalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.116	Dislocation of metacarpophalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.116A	Dislocation of metacarpophalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.116D	Dislocation of metacarpophalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.116S	Dislocation of metacarpophalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.12	Subluxation and dislocation of interphalangeal joint of thumb	Diagnosis	ICD-10-CM
S63.121	Subluxation of interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.121A	Subluxation of interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.121D	Subluxation of interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.121S	Subluxation of interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.122	Subluxation of interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.122A	Subluxation of interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.122D	Subluxation of interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.122S	Subluxation of interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.123	Subluxation of interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.123A	Subluxation of interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.123D	Subluxation of interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.123S	Subluxation of interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.124	Dislocation of interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.124A	Dislocation of interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.124D	Dislocation of interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.124S	Dislocation of interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.125	Dislocation of interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.125A	Dislocation of interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.125D	Dislocation of interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.125S	Dislocation of interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.126	Dislocation of interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.126A	Dislocation of interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.126D	Dislocation of interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.126S	Dislocation of interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.13	Subluxation and dislocation of proximal interphalangeal joint of thumb	Diagnosis	ICD-10-CM
S63.131	Subluxation of proximal interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.131A	Subluxation of proximal interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.131D	Subluxation of proximal interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.131S	Subluxation of proximal interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.132	Subluxation of proximal interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.132A	Subluxation of proximal interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.132D	Subluxation of proximal interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.132S	Subluxation of proximal interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.133	Subluxation of proximal interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.133A	Subluxation of proximal interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.133D	Subluxation of proximal interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.133S	Subluxation of proximal interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.134	Dislocation of proximal interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.134A	Dislocation of proximal interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.134D	Dislocation of proximal interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.134S	Dislocation of proximal interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.135	Dislocation of proximal interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.135A	Dislocation of proximal interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.135D	Dislocation of proximal interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.135S	Dislocation of proximal interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.136	Dislocation of proximal interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.136A	Dislocation of proximal interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.136D	Dislocation of proximal interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.136S	Dislocation of proximal interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.14	Subluxation and dislocation of distal interphalangeal joint of thumb	Diagnosis	ICD-10-CM
S63.141	Subluxation of distal interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.141A	Subluxation of distal interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.141D	Subluxation of distal interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.141S	Subluxation of distal interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.142	Subluxation of distal interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.142A	Subluxation of distal interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.142D	Subluxation of distal interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.142S	Subluxation of distal interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.143	Subluxation of distal interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.143A	Subluxation of distal interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.143D	Subluxation of distal interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.143S	Subluxation of distal interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.144	Dislocation of distal interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.144A	Dislocation of distal interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.144D	Dislocation of distal interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.144S	Dislocation of distal interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.145	Dislocation of distal interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.145A	Dislocation of distal interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.145D	Dislocation of distal interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.145S	Dislocation of distal interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.146	Dislocation of distal interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.146A	Dislocation of distal interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.146D	Dislocation of distal interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.146S	Dislocation of distal interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.2	Subluxation and dislocation of other finger(s)	Diagnosis	ICD-10-CM
S63.20	Unspecified subluxation of other finger	Diagnosis	ICD-10-CM
S63.200	Unspecified subluxation of right index finger	Diagnosis	ICD-10-CM
S63.200A	Unspecified subluxation of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.200D	Unspecified subluxation of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.200S	Unspecified subluxation of right index finger, sequela	Diagnosis	ICD-10-CM
S63.201	Unspecified subluxation of left index finger	Diagnosis	ICD-10-CM
S63.201A	Unspecified subluxation of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.201D	Unspecified subluxation of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.201S	Unspecified subluxation of left index finger, sequela	Diagnosis	ICD-10-CM
S63.202	Unspecified subluxation of right middle finger	Diagnosis	ICD-10-CM
S63.202A	Unspecified subluxation of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.202D	Unspecified subluxation of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.202S	Unspecified subluxation of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.203	Unspecified subluxation of left middle finger	Diagnosis	ICD-10-CM
S63.203A	Unspecified subluxation of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.203D	Unspecified subluxation of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.203S	Unspecified subluxation of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.204	Unspecified subluxation of right ring finger	Diagnosis	ICD-10-CM
S63.204A	Unspecified subluxation of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.204D	Unspecified subluxation of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.204S	Unspecified subluxation of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.205	Unspecified subluxation of left ring finger	Diagnosis	ICD-10-CM
S63.205A	Unspecified subluxation of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.205D	Unspecified subluxation of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.205S	Unspecified subluxation of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.206	Unspecified subluxation of right little finger	Diagnosis	ICD-10-CM
S63.206A	Unspecified subluxation of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.206D	Unspecified subluxation of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.206S	Unspecified subluxation of right little finger, sequela	Diagnosis	ICD-10-CM
S63.207	Unspecified subluxation of left little finger	Diagnosis	ICD-10-CM
S63.207A	Unspecified subluxation of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.207D	Unspecified subluxation of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.207S	Unspecified subluxation of left little finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.208	Unspecified subluxation of other finger	Diagnosis	ICD-10-CM
S63.208A	Unspecified subluxation of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.208D	Unspecified subluxation of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.208S	Unspecified subluxation of other finger, sequela	Diagnosis	ICD-10-CM
S63.209	Unspecified subluxation of unspecified finger	Diagnosis	ICD-10-CM
S63.209A	Unspecified subluxation of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.209D	Unspecified subluxation of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.209S	Unspecified subluxation of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.21	Subluxation of metacarpophalangeal joint of finger	Diagnosis	ICD-10-CM
S63.210	Subluxation of metacarpophalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.210A	Subluxation of metacarpophalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.210D	Subluxation of metacarpophalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.210S	Subluxation of metacarpophalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.211	Subluxation of metacarpophalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.211A	Subluxation of metacarpophalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.211D	Subluxation of metacarpophalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.211S	Subluxation of metacarpophalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.212	Subluxation of metacarpophalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.212A	Subluxation of metacarpophalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.212D	Subluxation of metacarpophalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.212S	Subluxation of metacarpophalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.213	Subluxation of metacarpophalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.213A	Subluxation of metacarpophalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.213D	Subluxation of metacarpophalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.213S	Subluxation of metacarpophalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.214	Subluxation of metacarpophalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.214A	Subluxation of metacarpophalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.214D	Subluxation of metacarpophalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.214S	Subluxation of metacarpophalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.215	Subluxation of metacarpophalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.215A	Subluxation of metacarpophalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.215D	Subluxation of metacarpophalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.215S	Subluxation of metacarpophalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.216	Subluxation of metacarpophalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.216A	Subluxation of metacarpophalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.216D	Subluxation of metacarpophalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.216S	Subluxation of metacarpophalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.217	Subluxation of metacarpophalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.217A	Subluxation of metacarpophalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.217D	Subluxation of metacarpophalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.217S	Subluxation of metacarpophalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.218	Subluxation of metacarpophalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.218A	Subluxation of metacarpophalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.218D	Subluxation of metacarpophalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.218S	Subluxation of metacarpophalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.219	Subluxation of metacarpophalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.219A	Subluxation of metacarpophalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.219D	Subluxation of metacarpophalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.219S	Subluxation of metacarpophalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.22	Subluxation of unspecified interphalangeal joint of finger	Diagnosis	ICD-10-CM
S63.220	Subluxation of unspecified interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.220A	Subluxation of unspecified interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.220D	Subluxation of unspecified interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.220S	Subluxation of unspecified interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.221	Subluxation of unspecified interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.221A	Subluxation of unspecified interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.221D	Subluxation of unspecified interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.221S	Subluxation of unspecified interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.222	Subluxation of unspecified interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.222A	Subluxation of unspecified interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.222D	Subluxation of unspecified interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.222S	Subluxation of unspecified interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.223	Subluxation of unspecified interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.223A	Subluxation of unspecified interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.223D	Subluxation of unspecified interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.223S	Subluxation of unspecified interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.224	Subluxation of unspecified interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.224A	Subluxation of unspecified interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.224D	Subluxation of unspecified interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.224S	Subluxation of unspecified interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.225	Subluxation of unspecified interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.225A	Subluxation of unspecified interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.225D	Subluxation of unspecified interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.225S	Subluxation of unspecified interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.226	Subluxation of unspecified interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.226A	Subluxation of unspecified interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.226D	Subluxation of unspecified interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.226S	Subluxation of unspecified interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.227	Subluxation of unspecified interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.227A	Subluxation of unspecified interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.227D	Subluxation of unspecified interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.227S	Subluxation of unspecified interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.228	Subluxation of unspecified interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.228A	Subluxation of unspecified interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.228D	Subluxation of unspecified interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.228S	Subluxation of unspecified interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.229	Subluxation of unspecified interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.229A	Subluxation of unspecified interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.229D	Subluxation of unspecified interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.229S	Subluxation of unspecified interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.23	Subluxation of proximal interphalangeal joint of finger	Diagnosis	ICD-10-CM
S63.230	Subluxation of proximal interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.230A	Subluxation of proximal interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.230D	Subluxation of proximal interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.230S	Subluxation of proximal interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.231	Subluxation of proximal interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.231A	Subluxation of proximal interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.231D	Subluxation of proximal interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.231S	Subluxation of proximal interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.232	Subluxation of proximal interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.232A	Subluxation of proximal interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.232D	Subluxation of proximal interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.232S	Subluxation of proximal interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.233	Subluxation of proximal interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.233A	Subluxation of proximal interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.233D	Subluxation of proximal interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.233S	Subluxation of proximal interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.234	Subluxation of proximal interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.234A	Subluxation of proximal interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.234D	Subluxation of proximal interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.234S	Subluxation of proximal interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.235	Subluxation of proximal interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.235A	Subluxation of proximal interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.235D	Subluxation of proximal interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.235S	Subluxation of proximal interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.236	Subluxation of proximal interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.236A	Subluxation of proximal interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.236D	Subluxation of proximal interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.236S	Subluxation of proximal interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.237	Subluxation of proximal interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.237A	Subluxation of proximal interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.237D	Subluxation of proximal interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.237S	Subluxation of proximal interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.238	Subluxation of proximal interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.238A	Subluxation of proximal interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.238D	Subluxation of proximal interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.238S	Subluxation of proximal interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.239	Subluxation of proximal interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.239A	Subluxation of proximal interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.239D	Subluxation of proximal interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.239S	Subluxation of proximal interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.24	Subluxation of distal interphalangeal joint of finger	Diagnosis	ICD-10-CM
S63.240	Subluxation of distal interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.240A	Subluxation of distal interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.240D	Subluxation of distal interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.240S	Subluxation of distal interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.241	Subluxation of distal interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.241A	Subluxation of distal interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.241D	Subluxation of distal interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.241S	Subluxation of distal interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.242	Subluxation of distal interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.242A	Subluxation of distal interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.242D	Subluxation of distal interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.242S	Subluxation of distal interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.243	Subluxation of distal interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.243A	Subluxation of distal interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.243D	Subluxation of distal interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.243S	Subluxation of distal interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.244	Subluxation of distal interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.244A	Subluxation of distal interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.244D	Subluxation of distal interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.244S	Subluxation of distal interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.245	Subluxation of distal interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.245A	Subluxation of distal interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.245D	Subluxation of distal interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.245S	Subluxation of distal interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.246	Subluxation of distal interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.246A	Subluxation of distal interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.246D	Subluxation of distal interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.246S	Subluxation of distal interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.247	Subluxation of distal interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.247A	Subluxation of distal interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.247D	Subluxation of distal interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.247S	Subluxation of distal interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.248	Subluxation of distal interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.248A	Subluxation of distal interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.248D	Subluxation of distal interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.248S	Subluxation of distal interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.249	Subluxation of distal interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.249A	Subluxation of distal interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.249D	Subluxation of distal interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.249S	Subluxation of distal interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.25	Unspecified dislocation of other finger	Diagnosis	ICD-10-CM
S63.250	Unspecified dislocation of right index finger	Diagnosis	ICD-10-CM
S63.250A	Unspecified dislocation of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.250D	Unspecified dislocation of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.250S	Unspecified dislocation of right index finger, sequela	Diagnosis	ICD-10-CM
S63.251	Unspecified dislocation of left index finger	Diagnosis	ICD-10-CM
S63.251A	Unspecified dislocation of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.251D	Unspecified dislocation of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.251S	Unspecified dislocation of left index finger, sequela	Diagnosis	ICD-10-CM
S63.252	Unspecified dislocation of right middle finger	Diagnosis	ICD-10-CM
S63.252A	Unspecified dislocation of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.252D	Unspecified dislocation of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.252S	Unspecified dislocation of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.253	Unspecified dislocation of left middle finger	Diagnosis	ICD-10-CM
S63.253A	Unspecified dislocation of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.253D	Unspecified dislocation of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.253S	Unspecified dislocation of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.254	Unspecified dislocation of right ring finger	Diagnosis	ICD-10-CM
S63.254A	Unspecified dislocation of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.254D	Unspecified dislocation of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.254S	Unspecified dislocation of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.255	Unspecified dislocation of left ring finger	Diagnosis	ICD-10-CM
S63.255A	Unspecified dislocation of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.255D	Unspecified dislocation of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.255S	Unspecified dislocation of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.256	Unspecified dislocation of right little finger	Diagnosis	ICD-10-CM
S63.256A	Unspecified dislocation of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.256D	Unspecified dislocation of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.256S	Unspecified dislocation of right little finger, sequela	Diagnosis	ICD-10-CM
S63.257	Unspecified dislocation of left little finger	Diagnosis	ICD-10-CM
S63.257A	Unspecified dislocation of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.257D	Unspecified dislocation of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.257S	Unspecified dislocation of left little finger, sequela	Diagnosis	ICD-10-CM
S63.258	Unspecified dislocation of other finger	Diagnosis	ICD-10-CM
S63.258A	Unspecified dislocation of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.258D	Unspecified dislocation of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.258S	Unspecified dislocation of other finger, sequela	Diagnosis	ICD-10-CM
S63.259	Unspecified dislocation of unspecified finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.259A	Unspecified dislocation of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.259D	Unspecified dislocation of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.259S	Unspecified dislocation of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.26	Dislocation of metacarpophalangeal joint of finger	Diagnosis	ICD-10-CM
S63.260	Dislocation of metacarpophalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.260A	Dislocation of metacarpophalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.260D	Dislocation of metacarpophalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.260S	Dislocation of metacarpophalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.261	Dislocation of metacarpophalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.261A	Dislocation of metacarpophalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.261D	Dislocation of metacarpophalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.261S	Dislocation of metacarpophalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.262	Dislocation of metacarpophalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.262A	Dislocation of metacarpophalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.262D	Dislocation of metacarpophalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.262S	Dislocation of metacarpophalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.263	Dislocation of metacarpophalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.263A	Dislocation of metacarpophalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.263D	Dislocation of metacarpophalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.263S	Dislocation of metacarpophalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.264	Dislocation of metacarpophalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.264A	Dislocation of metacarpophalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.264D	Dislocation of metacarpophalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.264S	Dislocation of metacarpophalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.265	Dislocation of metacarpophalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.265A	Dislocation of metacarpophalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.265D	Dislocation of metacarpophalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.265S	Dislocation of metacarpophalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.266	Dislocation of metacarpophalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.266A	Dislocation of metacarpophalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.266D	Dislocation of metacarpophalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.266S	Dislocation of metacarpophalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.267	Dislocation of metacarpophalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.267A	Dislocation of metacarpophalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.267D	Dislocation of metacarpophalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.267S	Dislocation of metacarpophalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.268	Dislocation of metacarpophalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.268A	Dislocation of metacarpophalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.268D	Dislocation of metacarpophalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.268S	Dislocation of metacarpophalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.269	Dislocation of metacarpophalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.269A	Dislocation of metacarpophalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.269D	Dislocation of metacarpophalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.269S	Dislocation of metacarpophalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.27	Dislocation of unspecified interphalangeal joint of finger	Diagnosis	ICD-10-CM
S63.270	Dislocation of unspecified interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.270A	Dislocation of unspecified interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.270D	Dislocation of unspecified interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.270S	Dislocation of unspecified interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.271	Dislocation of unspecified interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.271A	Dislocation of unspecified interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.271D	Dislocation of unspecified interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.271S	Dislocation of unspecified interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.272	Dislocation of unspecified interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.272A	Dislocation of unspecified interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.272D	Dislocation of unspecified interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.272S	Dislocation of unspecified interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.273	Dislocation of unspecified interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.273A	Dislocation of unspecified interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.273D	Dislocation of unspecified interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.273S	Dislocation of unspecified interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.274	Dislocation of unspecified interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.274A	Dislocation of unspecified interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.274D	Dislocation of unspecified interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.274S	Dislocation of unspecified interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.275	Dislocation of unspecified interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.275A	Dislocation of unspecified interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.275D	Dislocation of unspecified interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.275S	Dislocation of unspecified interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.276	Dislocation of unspecified interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.276A	Dislocation of unspecified interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.276D	Dislocation of unspecified interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.276S	Dislocation of unspecified interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.277	Dislocation of unspecified interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.277A	Dislocation of unspecified interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.277D	Dislocation of unspecified interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.277S	Dislocation of unspecified interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.278	Dislocation of unspecified interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.278A	Dislocation of unspecified interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.278D	Dislocation of unspecified interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.278S	Dislocation of unspecified interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.279	Dislocation of unspecified interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.279A	Dislocation of unspecified interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.279D	Dislocation of unspecified interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.279S	Dislocation of unspecified interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.28	Dislocation of proximal interphalangeal joint of finger	Diagnosis	ICD-10-CM
S63.280	Dislocation of proximal interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.280A	Dislocation of proximal interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.280D	Dislocation of proximal interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.280S	Dislocation of proximal interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.281	Dislocation of proximal interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.281A	Dislocation of proximal interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.281D	Dislocation of proximal interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.281S	Dislocation of proximal interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.282	Dislocation of proximal interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.282A	Dislocation of proximal interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.282D	Dislocation of proximal interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.282S	Dislocation of proximal interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.283	Dislocation of proximal interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.283A	Dislocation of proximal interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.283D	Dislocation of proximal interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.283S	Dislocation of proximal interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.284	Dislocation of proximal interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.284A	Dislocation of proximal interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.284D	Dislocation of proximal interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.284S	Dislocation of proximal interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.285	Dislocation of proximal interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.285A	Dislocation of proximal interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.285D	Dislocation of proximal interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.285S	Dislocation of proximal interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.286	Dislocation of proximal interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.286A	Dislocation of proximal interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.286D	Dislocation of proximal interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.286S	Dislocation of proximal interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.287	Dislocation of proximal interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.287A	Dislocation of proximal interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.287D	Dislocation of proximal interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.287S	Dislocation of proximal interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.288	Dislocation of proximal interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.288A	Dislocation of proximal interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.288D	Dislocation of proximal interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.288S	Dislocation of proximal interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.289	Dislocation of proximal interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.289A	Dislocation of proximal interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.289D	Dislocation of proximal interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.289S	Dislocation of proximal interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.29	Dislocation of distal interphalangeal joint of finger	Diagnosis	ICD-10-CM
S63.290	Dislocation of distal interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.290A	Dislocation of distal interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.290D	Dislocation of distal interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.290S	Dislocation of distal interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S63.291	Dislocation of distal interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.291A	Dislocation of distal interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.291D	Dislocation of distal interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.291S	Dislocation of distal interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.292	Dislocation of distal interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.292A	Dislocation of distal interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.292D	Dislocation of distal interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.292S	Dislocation of distal interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.293	Dislocation of distal interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.293A	Dislocation of distal interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.293D	Dislocation of distal interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.293S	Dislocation of distal interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.294	Dislocation of distal interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.294A	Dislocation of distal interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.294D	Dislocation of distal interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.294S	Dislocation of distal interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.295	Dislocation of distal interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.295A	Dislocation of distal interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.295D	Dislocation of distal interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.295S	Dislocation of distal interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.296	Dislocation of distal interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.296A	Dislocation of distal interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.296D	Dislocation of distal interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.296S	Dislocation of distal interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.297	Dislocation of distal interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.297A	Dislocation of distal interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.297D	Dislocation of distal interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.297S	Dislocation of distal interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.298	Dislocation of distal interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.298A	Dislocation of distal interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.298D	Dislocation of distal interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.298S	Dislocation of distal interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.299	Dislocation of distal interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.299A	Dislocation of distal interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.299D	Dislocation of distal interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.299S	Dislocation of distal interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.3	Traumatic rupture of ligament of wrist	Diagnosis	ICD-10-CM
S63.30	Traumatic rupture of unspecified ligament of wrist	Diagnosis	ICD-10-CM
S63.301	Traumatic rupture of unspecified ligament of right wrist	Diagnosis	ICD-10-CM
S63.301A	Traumatic rupture of unspecified ligament of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.301D	Traumatic rupture of unspecified ligament of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.301S	Traumatic rupture of unspecified ligament of right wrist, sequela	Diagnosis	ICD-10-CM
S63.302	Traumatic rupture of unspecified ligament of left wrist	Diagnosis	ICD-10-CM
S63.302A	Traumatic rupture of unspecified ligament of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.302D	Traumatic rupture of unspecified ligament of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.302S	Traumatic rupture of unspecified ligament of left wrist, sequela	Diagnosis	ICD-10-CM
S63.309	Traumatic rupture of unspecified ligament of unspecified wrist	Diagnosis	ICD-10-CM
S63.309A	Traumatic rupture of unspecified ligament of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.309D	Traumatic rupture of unspecified ligament of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.309S	Traumatic rupture of unspecified ligament of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.31	Traumatic rupture of collateral ligament of wrist	Diagnosis	ICD-10-CM
S63.311	Traumatic rupture of collateral ligament of right wrist	Diagnosis	ICD-10-CM
S63.311A	Traumatic rupture of collateral ligament of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.311D	Traumatic rupture of collateral ligament of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.311S	Traumatic rupture of collateral ligament of right wrist, sequela	Diagnosis	ICD-10-CM
S63.312	Traumatic rupture of collateral ligament of left wrist	Diagnosis	ICD-10-CM
S63.312A	Traumatic rupture of collateral ligament of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.312D	Traumatic rupture of collateral ligament of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.312S	Traumatic rupture of collateral ligament of left wrist, sequela	Diagnosis	ICD-10-CM
S63.319	Traumatic rupture of collateral ligament of unspecified wrist	Diagnosis	ICD-10-CM
S63.319A	Traumatic rupture of collateral ligament of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.319D	Traumatic rupture of collateral ligament of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.319S	Traumatic rupture of collateral ligament of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.32	Traumatic rupture of radiocarpal ligament	Diagnosis	ICD-10-CM
S63.321	Traumatic rupture of right radiocarpal ligament	Diagnosis	ICD-10-CM
S63.321A	Traumatic rupture of right radiocarpal ligament, initial encounter	Diagnosis	ICD-10-CM
S63.321D	Traumatic rupture of right radiocarpal ligament, subsequent encounter	Diagnosis	ICD-10-CM
S63.321S	Traumatic rupture of right radiocarpal ligament, sequela	Diagnosis	ICD-10-CM
S63.322	Traumatic rupture of left radiocarpal ligament	Diagnosis	ICD-10-CM
S63.322A	Traumatic rupture of left radiocarpal ligament, initial encounter	Diagnosis	ICD-10-CM
S63.322D	Traumatic rupture of left radiocarpal ligament, subsequent encounter	Diagnosis	ICD-10-CM
S63.322S	Traumatic rupture of left radiocarpal ligament, sequela	Diagnosis	ICD-10-CM
S63.329	Traumatic rupture of unspecified radiocarpal ligament	Diagnosis	ICD-10-CM
S63.329A	Traumatic rupture of unspecified radiocarpal ligament, initial encounter	Diagnosis	ICD-10-CM
S63.329D	Traumatic rupture of unspecified radiocarpal ligament, subsequent encounter	Diagnosis	ICD-10-CM
S63.329S	Traumatic rupture of unspecified radiocarpal ligament, sequela	Diagnosis	ICD-10-CM
S63.33	Traumatic rupture of ulnocarpal (palmar) ligament	Diagnosis	ICD-10-CM
S63.331	Traumatic rupture of right ulnocarpal (palmar) ligament	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.331A	Traumatic rupture of right ulnocarpal (palmar) ligament, initial encounter	Diagnosis	ICD-10-CM
S63.331D	Traumatic rupture of right ulnocarpal (palmar) ligament, subsequent encounter	Diagnosis	ICD-10-CM
S63.331S	Traumatic rupture of right ulnocarpal (palmar) ligament, sequela	Diagnosis	ICD-10-CM
S63.332	Traumatic rupture of left ulnocarpal (palmar) ligament	Diagnosis	ICD-10-CM
S63.332A	Traumatic rupture of left ulnocarpal (palmar) ligament, initial encounter	Diagnosis	ICD-10-CM
S63.332D	Traumatic rupture of left ulnocarpal (palmar) ligament, subsequent encounter	Diagnosis	ICD-10-CM
S63.332S	Traumatic rupture of left ulnocarpal (palmar) ligament, sequela	Diagnosis	ICD-10-CM
S63.339	Traumatic rupture of unspecified ulnocarpal (palmar) ligament	Diagnosis	ICD-10-CM
S63.339A	Traumatic rupture of unspecified ulnocarpal (palmar) ligament, initial encounter	Diagnosis	ICD-10-CM
S63.339D	Traumatic rupture of unspecified ulnocarpal (palmar) ligament, subsequent encounter	Diagnosis	ICD-10-CM
S63.339S	Traumatic rupture of unspecified ulnocarpal (palmar) ligament, sequela	Diagnosis	ICD-10-CM
S63.39	Traumatic rupture of other ligament of wrist	Diagnosis	ICD-10-CM
S63.391	Traumatic rupture of other ligament of right wrist	Diagnosis	ICD-10-CM
S63.391A	Traumatic rupture of other ligament of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.391D	Traumatic rupture of other ligament of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.391S	Traumatic rupture of other ligament of right wrist, sequela	Diagnosis	ICD-10-CM
S63.392	Traumatic rupture of other ligament of left wrist	Diagnosis	ICD-10-CM
S63.392A	Traumatic rupture of other ligament of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.392D	Traumatic rupture of other ligament of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.392S	Traumatic rupture of other ligament of left wrist, sequela	Diagnosis	ICD-10-CM
S63.399	Traumatic rupture of other ligament of unspecified wrist	Diagnosis	ICD-10-CM
S63.399A	Traumatic rupture of other ligament of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.399D	Traumatic rupture of other ligament of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.399S	Traumatic rupture of other ligament of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.4	Traumatic rupture of ligament of finger at metacarpophalangeal and interphalangeal joint(s)	Diagnosis	ICD-10-CM
S63.40	Traumatic rupture of unspecified ligament of finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.400	Traumatic rupture of unspecified ligament of right index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.400A	Traumatic rupture of unspecified ligament of right index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.400D	Traumatic rupture of unspecified ligament of right index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.400S	Traumatic rupture of unspecified ligament of right index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.401	Traumatic rupture of unspecified ligament of left index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.401A	Traumatic rupture of unspecified ligament of left index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.401D	Traumatic rupture of unspecified ligament of left index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.401S	Traumatic rupture of unspecified ligament of left index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.402	Traumatic rupture of unspecified ligament of right middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.402A	Traumatic rupture of unspecified ligament of right middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.402D	Traumatic rupture of unspecified ligament of right middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.402S	Traumatic rupture of unspecified ligament of right middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.403	Traumatic rupture of unspecified ligament of left middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.403A	Traumatic rupture of unspecified ligament of left middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.403D	Traumatic rupture of unspecified ligament of left middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.403S	Traumatic rupture of unspecified ligament of left middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.404	Traumatic rupture of unspecified ligament of right ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.404A	Traumatic rupture of unspecified ligament of right ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.404D	Traumatic rupture of unspecified ligament of right ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.404S	Traumatic rupture of unspecified ligament of right ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.405	Traumatic rupture of unspecified ligament of left ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.405A	Traumatic rupture of unspecified ligament of left ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.405D	Traumatic rupture of unspecified ligament of left ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.405S	Traumatic rupture of unspecified ligament of left ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.406	Traumatic rupture of unspecified ligament of right little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.406A	Traumatic rupture of unspecified ligament of right little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.406D	Traumatic rupture of unspecified ligament of right little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.406S	Traumatic rupture of unspecified ligament of right little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.407	Traumatic rupture of unspecified ligament of left little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.407A	Traumatic rupture of unspecified ligament of left little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.407D	Traumatic rupture of unspecified ligament of left little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.407S	Traumatic rupture of unspecified ligament of left little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.408	Traumatic rupture of unspecified ligament of other finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.408A	Traumatic rupture of unspecified ligament of other finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.408D	Traumatic rupture of unspecified ligament of other finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.408S	Traumatic rupture of unspecified ligament of other finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.409	Traumatic rupture of unspecified ligament of unspecified finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.409A	Traumatic rupture of unspecified ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.409D	Traumatic rupture of unspecified ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.409S	Traumatic rupture of unspecified ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.41	Traumatic rupture of collateral ligament of finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.410	Traumatic rupture of collateral ligament of right index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.410A	Traumatic rupture of collateral ligament of right index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.410D	Traumatic rupture of collateral ligament of right index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.410S	Traumatic rupture of collateral ligament of right index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.411	Traumatic rupture of collateral ligament of left index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.411A	Traumatic rupture of collateral ligament of left index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.411D	Traumatic rupture of collateral ligament of left index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.411S	Traumatic rupture of collateral ligament of left index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.412	Traumatic rupture of collateral ligament of right middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.412A	Traumatic rupture of collateral ligament of right middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.412D	Traumatic rupture of collateral ligament of right middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.412S	Traumatic rupture of collateral ligament of right middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.413	Traumatic rupture of collateral ligament of left middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.413A	Traumatic rupture of collateral ligament of left middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.413D	Traumatic rupture of collateral ligament of left middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.413S	Traumatic rupture of collateral ligament of left middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.414	Traumatic rupture of collateral ligament of right ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.414A	Traumatic rupture of collateral ligament of right ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.414D	Traumatic rupture of collateral ligament of right ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.414S	Traumatic rupture of collateral ligament of right ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.415	Traumatic rupture of collateral ligament of left ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.415A	Traumatic rupture of collateral ligament of left ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.415D	Traumatic rupture of collateral ligament of left ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.415S	Traumatic rupture of collateral ligament of left ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.416	Traumatic rupture of collateral ligament of right little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.416A	Traumatic rupture of collateral ligament of right little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.416D	Traumatic rupture of collateral ligament of right little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.416S	Traumatic rupture of collateral ligament of right little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.417	Traumatic rupture of collateral ligament of left little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.417A	Traumatic rupture of collateral ligament of left little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.417D	Traumatic rupture of collateral ligament of left little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.417S	Traumatic rupture of collateral ligament of left little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.418	Traumatic rupture of collateral ligament of other finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.418A	Traumatic rupture of collateral ligament of other finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.418D	Traumatic rupture of collateral ligament of other finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.418S	Traumatic rupture of collateral ligament of other finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.419	Traumatic rupture of collateral ligament of unspecified finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.419A	Traumatic rupture of collateral ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.419D	Traumatic rupture of collateral ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.419S	Traumatic rupture of collateral ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.42	Traumatic rupture of palmar ligament of finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.420	Traumatic rupture of palmar ligament of right index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.420A	Traumatic rupture of palmar ligament of right index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.420D	Traumatic rupture of palmar ligament of right index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.420S	Traumatic rupture of palmar ligament of right index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.421	Traumatic rupture of palmar ligament of left index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.421A	Traumatic rupture of palmar ligament of left index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.421D	Traumatic rupture of palmar ligament of left index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.421S	Traumatic rupture of palmar ligament of left index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.422	Traumatic rupture of palmar ligament of right middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.422A	Traumatic rupture of palmar ligament of right middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.422D	Traumatic rupture of palmar ligament of right middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.422S	Traumatic rupture of palmar ligament of right middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.423	Traumatic rupture of palmar ligament of left middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.423A	Traumatic rupture of palmar ligament of left middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.423D	Traumatic rupture of palmar ligament of left middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.423S	Traumatic rupture of palmar ligament of left middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.424	Traumatic rupture of palmar ligament of right ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.424A	Traumatic rupture of palmar ligament of right ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.424D	Traumatic rupture of palmar ligament of right ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.424S	Traumatic rupture of palmar ligament of right ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.425	Traumatic rupture of palmar ligament of left ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.425A	Traumatic rupture of palmar ligament of left ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.425D	Traumatic rupture of palmar ligament of left ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.425S	Traumatic rupture of palmar ligament of left ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.426	Traumatic rupture of palmar ligament of right little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.426A	Traumatic rupture of palmar ligament of right little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.426D	Traumatic rupture of palmar ligament of right little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.426S	Traumatic rupture of palmar ligament of right little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.427	Traumatic rupture of palmar ligament of left little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.427A	Traumatic rupture of palmar ligament of left little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.427D	Traumatic rupture of palmar ligament of left little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.427S	Traumatic rupture of palmar ligament of left little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.428	Traumatic rupture of palmar ligament of other finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.428A	Traumatic rupture of palmar ligament of other finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.428D	Traumatic rupture of palmar ligament of other finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.428S	Traumatic rupture of palmar ligament of other finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.429	Traumatic rupture of palmar ligament of unspecified finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.429A	Traumatic rupture of palmar ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.429D	Traumatic rupture of palmar ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.429S	Traumatic rupture of palmar ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.43	Traumatic rupture of volar plate of finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.430	Traumatic rupture of volar plate of right index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.430A	Traumatic rupture of volar plate of right index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.430D	Traumatic rupture of volar plate of right index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.430S	Traumatic rupture of volar plate of right index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.431	Traumatic rupture of volar plate of left index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.431A	Traumatic rupture of volar plate of left index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.431D	Traumatic rupture of volar plate of left index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.431S	Traumatic rupture of volar plate of left index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.432	Traumatic rupture of volar plate of right middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.432A	Traumatic rupture of volar plate of right middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.432D	Traumatic rupture of volar plate of right middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.432S	Traumatic rupture of volar plate of right middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.433	Traumatic rupture of volar plate of left middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.433A	Traumatic rupture of volar plate of left middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.433D	Traumatic rupture of volar plate of left middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.433S	Traumatic rupture of volar plate of left middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.434	Traumatic rupture of volar plate of right ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.434A	Traumatic rupture of volar plate of right ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.434D	Traumatic rupture of volar plate of right ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.434S	Traumatic rupture of volar plate of right ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.435	Traumatic rupture of volar plate of left ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.435A	Traumatic rupture of volar plate of left ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.435D	Traumatic rupture of volar plate of left ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.435S	Traumatic rupture of volar plate of left ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.436	Traumatic rupture of volar plate of right little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.436A	Traumatic rupture of volar plate of right little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.436D	Traumatic rupture of volar plate of right little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.436S	Traumatic rupture of volar plate of right little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.437	Traumatic rupture of volar plate of left little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.437A	Traumatic rupture of volar plate of left little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.437D	Traumatic rupture of volar plate of left little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.437S	Traumatic rupture of volar plate of left little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.438	Traumatic rupture of volar plate of other finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.438A	Traumatic rupture of volar plate of other finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.438D	Traumatic rupture of volar plate of other finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.438S	Traumatic rupture of volar plate of other finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.439	Traumatic rupture of volar plate of unspecified finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.439A	Traumatic rupture of volar plate of unspecified finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.439D	Traumatic rupture of volar plate of unspecified finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.439S	Traumatic rupture of volar plate of unspecified finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.49	Traumatic rupture of other ligament of finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.490	Traumatic rupture of other ligament of right index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.490A	Traumatic rupture of other ligament of right index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.490D	Traumatic rupture of other ligament of right index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.490S	Traumatic rupture of other ligament of right index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.491	Traumatic rupture of other ligament of left index finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.491A	Traumatic rupture of other ligament of left index finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.491D	Traumatic rupture of other ligament of left index finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.491S	Traumatic rupture of other ligament of left index finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.492	Traumatic rupture of other ligament of right middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.492A	Traumatic rupture of other ligament of right middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.492D	Traumatic rupture of other ligament of right middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.492S	Traumatic rupture of other ligament of right middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.493	Traumatic rupture of other ligament of left middle finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.493A	Traumatic rupture of other ligament of left middle finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.493D	Traumatic rupture of other ligament of left middle finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.493S	Traumatic rupture of other ligament of left middle finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.494	Traumatic rupture of other ligament of right ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.494A	Traumatic rupture of other ligament of right ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.494D	Traumatic rupture of other ligament of right ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.494S	Traumatic rupture of other ligament of right ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.495	Traumatic rupture of other ligament of left ring finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.495A	Traumatic rupture of other ligament of left ring finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.495D	Traumatic rupture of other ligament of left ring finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.495S	Traumatic rupture of other ligament of left ring finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.496	Traumatic rupture of other ligament of right little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.496A	Traumatic rupture of other ligament of right little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.496D	Traumatic rupture of other ligament of right little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.496S	Traumatic rupture of other ligament of right little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.497	Traumatic rupture of other ligament of left little finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.497A	Traumatic rupture of other ligament of left little finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.497D	Traumatic rupture of other ligament of left little finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.497S	Traumatic rupture of other ligament of left little finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.498	Traumatic rupture of other ligament of other finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.498A	Traumatic rupture of other ligament of other finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.498D	Traumatic rupture of other ligament of other finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.498S	Traumatic rupture of other ligament of other finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.499	Traumatic rupture of other ligament of unspecified finger at metacarpophalangeal and interphalangeal joint	Diagnosis	ICD-10-CM
S63.499A	Traumatic rupture of other ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, initial encounter	Diagnosis	ICD-10-CM
S63.499D	Traumatic rupture of other ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, subsequent encounter	Diagnosis	ICD-10-CM
S63.499S	Traumatic rupture of other ligament of unspecified finger at metacarpophalangeal and interphalangeal joint, sequela	Diagnosis	ICD-10-CM
S63.5	Other and unspecified sprain of wrist	Diagnosis	ICD-10-CM
S63.50	Unspecified sprain of wrist	Diagnosis	ICD-10-CM
S63.501	Unspecified sprain of right wrist	Diagnosis	ICD-10-CM
S63.501A	Unspecified sprain of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.501D	Unspecified sprain of right wrist, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.501S	Unspecified sprain of right wrist, sequela	Diagnosis	ICD-10-CM
S63.502	Unspecified sprain of left wrist	Diagnosis	ICD-10-CM
S63.502A	Unspecified sprain of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.502D	Unspecified sprain of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.502S	Unspecified sprain of left wrist, sequela	Diagnosis	ICD-10-CM
S63.509	Unspecified sprain of unspecified wrist	Diagnosis	ICD-10-CM
S63.509A	Unspecified sprain of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.509D	Unspecified sprain of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.509S	Unspecified sprain of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.51	Sprain of carpal (joint)	Diagnosis	ICD-10-CM
S63.511	Sprain of carpal joint of right wrist	Diagnosis	ICD-10-CM
S63.511A	Sprain of carpal joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.511D	Sprain of carpal joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.511S	Sprain of carpal joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.512	Sprain of carpal joint of left wrist	Diagnosis	ICD-10-CM
S63.512A	Sprain of carpal joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.512D	Sprain of carpal joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.512S	Sprain of carpal joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.519	Sprain of carpal joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.519A	Sprain of carpal joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.519D	Sprain of carpal joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.519S	Sprain of carpal joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.52	Sprain of radiocarpal joint	Diagnosis	ICD-10-CM
S63.521	Sprain of radiocarpal joint of right wrist	Diagnosis	ICD-10-CM
S63.521A	Sprain of radiocarpal joint of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.521D	Sprain of radiocarpal joint of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.521S	Sprain of radiocarpal joint of right wrist, sequela	Diagnosis	ICD-10-CM
S63.522	Sprain of radiocarpal joint of left wrist	Diagnosis	ICD-10-CM
S63.522A	Sprain of radiocarpal joint of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.522D	Sprain of radiocarpal joint of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.522S	Sprain of radiocarpal joint of left wrist, sequela	Diagnosis	ICD-10-CM
S63.529	Sprain of radiocarpal joint of unspecified wrist	Diagnosis	ICD-10-CM
S63.529A	Sprain of radiocarpal joint of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.529D	Sprain of radiocarpal joint of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.529S	Sprain of radiocarpal joint of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.59	Other specified sprain of wrist	Diagnosis	ICD-10-CM
S63.591	Other specified sprain of right wrist	Diagnosis	ICD-10-CM
S63.591A	Other specified sprain of right wrist, initial encounter	Diagnosis	ICD-10-CM
S63.591D	Other specified sprain of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.591S	Other specified sprain of right wrist, sequela	Diagnosis	ICD-10-CM
S63.592	Other specified sprain of left wrist	Diagnosis	ICD-10-CM
S63.592A	Other specified sprain of left wrist, initial encounter	Diagnosis	ICD-10-CM
S63.592D	Other specified sprain of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.592S	Other specified sprain of left wrist, sequela	Diagnosis	ICD-10-CM
S63.599	Other specified sprain of unspecified wrist	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.599A	Other specified sprain of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S63.599D	Other specified sprain of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S63.599S	Other specified sprain of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S63.6	Other and unspecified sprain of finger(s)	Diagnosis	ICD-10-CM
S63.60	Unspecified sprain of thumb	Diagnosis	ICD-10-CM
S63.601	Unspecified sprain of right thumb	Diagnosis	ICD-10-CM
S63.601A	Unspecified sprain of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.601D	Unspecified sprain of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.601S	Unspecified sprain of right thumb, sequela	Diagnosis	ICD-10-CM
S63.602	Unspecified sprain of left thumb	Diagnosis	ICD-10-CM
S63.602A	Unspecified sprain of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.602D	Unspecified sprain of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.602S	Unspecified sprain of left thumb, sequela	Diagnosis	ICD-10-CM
S63.609	Unspecified sprain of unspecified thumb	Diagnosis	ICD-10-CM
S63.609A	Unspecified sprain of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.609D	Unspecified sprain of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.609S	Unspecified sprain of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.61	Unspecified sprain of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S63.610	Unspecified sprain of right index finger	Diagnosis	ICD-10-CM
S63.610A	Unspecified sprain of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.610D	Unspecified sprain of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.610S	Unspecified sprain of right index finger, sequela	Diagnosis	ICD-10-CM
S63.611	Unspecified sprain of left index finger	Diagnosis	ICD-10-CM
S63.611A	Unspecified sprain of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.611D	Unspecified sprain of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.611S	Unspecified sprain of left index finger, sequela	Diagnosis	ICD-10-CM
S63.612	Unspecified sprain of right middle finger	Diagnosis	ICD-10-CM
S63.612A	Unspecified sprain of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.612D	Unspecified sprain of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.612S	Unspecified sprain of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.613	Unspecified sprain of left middle finger	Diagnosis	ICD-10-CM
S63.613A	Unspecified sprain of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.613D	Unspecified sprain of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.613S	Unspecified sprain of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.614	Unspecified sprain of right ring finger	Diagnosis	ICD-10-CM
S63.614A	Unspecified sprain of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.614D	Unspecified sprain of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.614S	Unspecified sprain of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.615	Unspecified sprain of left ring finger	Diagnosis	ICD-10-CM
S63.615A	Unspecified sprain of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.615D	Unspecified sprain of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.615S	Unspecified sprain of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.616	Unspecified sprain of right little finger	Diagnosis	ICD-10-CM
S63.616A	Unspecified sprain of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.616D	Unspecified sprain of right little finger, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S63.616S	Unspecified sprain of right little finger, sequela	Diagnosis	ICD-10-CM
S63.617	Unspecified sprain of left little finger	Diagnosis	ICD-10-CM
S63.617A	Unspecified sprain of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.617D	Unspecified sprain of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.617S	Unspecified sprain of left little finger, sequela	Diagnosis	ICD-10-CM
S63.618	Unspecified sprain of other finger	Diagnosis	ICD-10-CM
S63.618A	Unspecified sprain of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.618D	Unspecified sprain of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.618S	Unspecified sprain of other finger, sequela	Diagnosis	ICD-10-CM
S63.619	Unspecified sprain of unspecified finger	Diagnosis	ICD-10-CM
S63.619A	Unspecified sprain of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.619D	Unspecified sprain of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.619S	Unspecified sprain of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.62	Sprain of interphalangeal joint of thumb	Diagnosis	ICD-10-CM
S63.621	Sprain of interphalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.621A	Sprain of interphalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.621D	Sprain of interphalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.621S	Sprain of interphalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.622	Sprain of interphalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.622A	Sprain of interphalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.622D	Sprain of interphalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.622S	Sprain of interphalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.629	Sprain of interphalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.629A	Sprain of interphalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.629D	Sprain of interphalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.629S	Sprain of interphalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.63	Sprain of interphalangeal joint of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S63.630	Sprain of interphalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.630A	Sprain of interphalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.630D	Sprain of interphalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.630S	Sprain of interphalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.631	Sprain of interphalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.631A	Sprain of interphalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.631D	Sprain of interphalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.631S	Sprain of interphalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM
S63.632	Sprain of interphalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.632A	Sprain of interphalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.632D	Sprain of interphalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.632S	Sprain of interphalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.633	Sprain of interphalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.633A	Sprain of interphalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.633D	Sprain of interphalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.633S	Sprain of interphalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.634	Sprain of interphalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.634A	Sprain of interphalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.634D	Sprain of interphalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.634S	Sprain of interphalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.635	Sprain of interphalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.635A	Sprain of interphalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.635D	Sprain of interphalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.635S	Sprain of interphalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.636	Sprain of interphalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.636A	Sprain of interphalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.636D	Sprain of interphalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.636S	Sprain of interphalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.637	Sprain of interphalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.637A	Sprain of interphalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.637D	Sprain of interphalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.637S	Sprain of interphalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.638	Sprain of interphalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.638A	Sprain of interphalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.638D	Sprain of interphalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.638S	Sprain of interphalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.639	Sprain of interphalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.639A	Sprain of interphalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.639D	Sprain of interphalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.639S	Sprain of interphalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.64	Sprain of metacarpophalangeal joint of thumb	Diagnosis	ICD-10-CM
S63.641	Sprain of metacarpophalangeal joint of right thumb	Diagnosis	ICD-10-CM
S63.641A	Sprain of metacarpophalangeal joint of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.641D	Sprain of metacarpophalangeal joint of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.641S	Sprain of metacarpophalangeal joint of right thumb, sequela	Diagnosis	ICD-10-CM
S63.642	Sprain of metacarpophalangeal joint of left thumb	Diagnosis	ICD-10-CM
S63.642A	Sprain of metacarpophalangeal joint of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.642D	Sprain of metacarpophalangeal joint of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.642S	Sprain of metacarpophalangeal joint of left thumb, sequela	Diagnosis	ICD-10-CM
S63.649	Sprain of metacarpophalangeal joint of unspecified thumb	Diagnosis	ICD-10-CM
S63.649A	Sprain of metacarpophalangeal joint of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.649D	Sprain of metacarpophalangeal joint of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.649S	Sprain of metacarpophalangeal joint of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.65	Sprain of metacarpophalangeal joint of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S63.650	Sprain of metacarpophalangeal joint of right index finger	Diagnosis	ICD-10-CM
S63.650A	Sprain of metacarpophalangeal joint of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.650D	Sprain of metacarpophalangeal joint of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.650S	Sprain of metacarpophalangeal joint of right index finger, sequela	Diagnosis	ICD-10-CM
S63.651	Sprain of metacarpophalangeal joint of left index finger	Diagnosis	ICD-10-CM
S63.651A	Sprain of metacarpophalangeal joint of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.651D	Sprain of metacarpophalangeal joint of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.651S	Sprain of metacarpophalangeal joint of left index finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.652	Sprain of metacarpophalangeal joint of right middle finger	Diagnosis	ICD-10-CM
S63.652A	Sprain of metacarpophalangeal joint of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.652D	Sprain of metacarpophalangeal joint of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.652S	Sprain of metacarpophalangeal joint of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.653	Sprain of metacarpophalangeal joint of left middle finger	Diagnosis	ICD-10-CM
S63.653A	Sprain of metacarpophalangeal joint of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.653D	Sprain of metacarpophalangeal joint of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.653S	Sprain of metacarpophalangeal joint of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.654	Sprain of metacarpophalangeal joint of right ring finger	Diagnosis	ICD-10-CM
S63.654A	Sprain of metacarpophalangeal joint of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.654D	Sprain of metacarpophalangeal joint of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.654S	Sprain of metacarpophalangeal joint of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.655	Sprain of metacarpophalangeal joint of left ring finger	Diagnosis	ICD-10-CM
S63.655A	Sprain of metacarpophalangeal joint of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.655D	Sprain of metacarpophalangeal joint of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.655S	Sprain of metacarpophalangeal joint of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.656	Sprain of metacarpophalangeal joint of right little finger	Diagnosis	ICD-10-CM
S63.656A	Sprain of metacarpophalangeal joint of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.656D	Sprain of metacarpophalangeal joint of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.656S	Sprain of metacarpophalangeal joint of right little finger, sequela	Diagnosis	ICD-10-CM
S63.657	Sprain of metacarpophalangeal joint of left little finger	Diagnosis	ICD-10-CM
S63.657A	Sprain of metacarpophalangeal joint of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.657D	Sprain of metacarpophalangeal joint of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.657S	Sprain of metacarpophalangeal joint of left little finger, sequela	Diagnosis	ICD-10-CM
S63.658	Sprain of metacarpophalangeal joint of other finger	Diagnosis	ICD-10-CM
S63.658A	Sprain of metacarpophalangeal joint of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.658D	Sprain of metacarpophalangeal joint of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.658S	Sprain of metacarpophalangeal joint of other finger, sequela	Diagnosis	ICD-10-CM
S63.659	Sprain of metacarpophalangeal joint of unspecified finger	Diagnosis	ICD-10-CM
S63.659A	Sprain of metacarpophalangeal joint of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.659D	Sprain of metacarpophalangeal joint of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.659S	Sprain of metacarpophalangeal joint of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.68	Other sprain of thumb	Diagnosis	ICD-10-CM
S63.681	Other sprain of right thumb	Diagnosis	ICD-10-CM
S63.681A	Other sprain of right thumb, initial encounter	Diagnosis	ICD-10-CM
S63.681D	Other sprain of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.681S	Other sprain of right thumb, sequela	Diagnosis	ICD-10-CM
S63.682	Other sprain of left thumb	Diagnosis	ICD-10-CM
S63.682A	Other sprain of left thumb, initial encounter	Diagnosis	ICD-10-CM
S63.682D	Other sprain of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S63.682S	Other sprain of left thumb, sequela	Diagnosis	ICD-10-CM
S63.689	Other sprain of unspecified thumb	Diagnosis	ICD-10-CM
S63.689A	Other sprain of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S63.689D	Other sprain of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.689S	Other sprain of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S63.69	Other sprain of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S63.690	Other sprain of right index finger	Diagnosis	ICD-10-CM
S63.690A	Other sprain of right index finger, initial encounter	Diagnosis	ICD-10-CM
S63.690D	Other sprain of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.690S	Other sprain of right index finger, sequela	Diagnosis	ICD-10-CM
S63.691	Other sprain of left index finger	Diagnosis	ICD-10-CM
S63.691A	Other sprain of left index finger, initial encounter	Diagnosis	ICD-10-CM
S63.691D	Other sprain of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.691S	Other sprain of left index finger, sequela	Diagnosis	ICD-10-CM
S63.692	Other sprain of right middle finger	Diagnosis	ICD-10-CM
S63.692A	Other sprain of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.692D	Other sprain of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.692S	Other sprain of right middle finger, sequela	Diagnosis	ICD-10-CM
S63.693	Other sprain of left middle finger	Diagnosis	ICD-10-CM
S63.693A	Other sprain of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S63.693D	Other sprain of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.693S	Other sprain of left middle finger, sequela	Diagnosis	ICD-10-CM
S63.694	Other sprain of right ring finger	Diagnosis	ICD-10-CM
S63.694A	Other sprain of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.694D	Other sprain of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.694S	Other sprain of right ring finger, sequela	Diagnosis	ICD-10-CM
S63.695	Other sprain of left ring finger	Diagnosis	ICD-10-CM
S63.695A	Other sprain of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S63.695D	Other sprain of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.695S	Other sprain of left ring finger, sequela	Diagnosis	ICD-10-CM
S63.696	Other sprain of right little finger	Diagnosis	ICD-10-CM
S63.696A	Other sprain of right little finger, initial encounter	Diagnosis	ICD-10-CM
S63.696D	Other sprain of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.696S	Other sprain of right little finger, sequela	Diagnosis	ICD-10-CM
S63.697	Other sprain of left little finger	Diagnosis	ICD-10-CM
S63.697A	Other sprain of left little finger, initial encounter	Diagnosis	ICD-10-CM
S63.697D	Other sprain of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.697S	Other sprain of left little finger, sequela	Diagnosis	ICD-10-CM
S63.698	Other sprain of other finger	Diagnosis	ICD-10-CM
S63.698A	Other sprain of other finger, initial encounter	Diagnosis	ICD-10-CM
S63.698D	Other sprain of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.698S	Other sprain of other finger, sequela	Diagnosis	ICD-10-CM
S63.699	Other sprain of unspecified finger	Diagnosis	ICD-10-CM
S63.699A	Other sprain of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S63.699D	Other sprain of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S63.699S	Other sprain of unspecified finger, sequela	Diagnosis	ICD-10-CM
S63.8	Sprain of other part of wrist and hand	Diagnosis	ICD-10-CM
S63.8X	Sprain of other part of wrist and hand	Diagnosis	ICD-10-CM
S63.8X1	Sprain of other part of right wrist and hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S63.8X1A	Sprain of other part of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.8X1D	Sprain of other part of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.8X1S	Sprain of other part of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.8X2	Sprain of other part of left wrist and hand	Diagnosis	ICD-10-CM
S63.8X2A	Sprain of other part of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.8X2D	Sprain of other part of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.8X2S	Sprain of other part of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.8X9	Sprain of other part of unspecified wrist and hand	Diagnosis	ICD-10-CM
S63.8X9A	Sprain of other part of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.8X9D	Sprain of other part of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.8X9S	Sprain of other part of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.9	Sprain of unspecified part of wrist and hand	Diagnosis	ICD-10-CM
S63.90	Sprain of unspecified part of unspecified wrist and hand	Diagnosis	ICD-10-CM
S63.90XA	Sprain of unspecified part of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.90XD	Sprain of unspecified part of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.90XS	Sprain of unspecified part of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.91	Sprain of unspecified part of right wrist and hand	Diagnosis	ICD-10-CM
S63.91XA	Sprain of unspecified part of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.91XD	Sprain of unspecified part of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.91XS	Sprain of unspecified part of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S63.92	Sprain of unspecified part of left wrist and hand	Diagnosis	ICD-10-CM
S63.92XA	Sprain of unspecified part of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S63.92XD	Sprain of unspecified part of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S63.92XS	Sprain of unspecified part of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S64	Injury of nerves at wrist and hand level	Diagnosis	ICD-10-CM
S64.0	Injury of ulnar nerve at wrist and hand level	Diagnosis	ICD-10-CM
S64.00	Injury of ulnar nerve at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S64.00XA	Injury of ulnar nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.00XD	Injury of ulnar nerve at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.00XS	Injury of ulnar nerve at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S64.01	Injury of ulnar nerve at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S64.01XA	Injury of ulnar nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.01XD	Injury of ulnar nerve at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.01XS	Injury of ulnar nerve at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S64.02	Injury of ulnar nerve at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S64.02XA	Injury of ulnar nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.02XD	Injury of ulnar nerve at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.02XS	Injury of ulnar nerve at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S64.1	Injury of median nerve at wrist and hand level	Diagnosis	ICD-10-CM
S64.10	Injury of median nerve at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S64.10XA	Injury of median nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.10XD	Injury of median nerve at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S64.10XS	Injury of median nerve at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S64.11	Injury of median nerve at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S64.11XA	Injury of median nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.11XD	Injury of median nerve at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.11XS	Injury of median nerve at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S64.12	Injury of median nerve at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S64.12XA	Injury of median nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.12XD	Injury of median nerve at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.12XS	Injury of median nerve at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S64.2	Injury of radial nerve at wrist and hand level	Diagnosis	ICD-10-CM
S64.20	Injury of radial nerve at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S64.20XA	Injury of radial nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.20XD	Injury of radial nerve at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.20XS	Injury of radial nerve at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S64.21	Injury of radial nerve at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S64.21XA	Injury of radial nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.21XD	Injury of radial nerve at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.21XS	Injury of radial nerve at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S64.22	Injury of radial nerve at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S64.22XA	Injury of radial nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.22XD	Injury of radial nerve at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.22XS	Injury of radial nerve at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S64.3	Injury of digital nerve of thumb	Diagnosis	ICD-10-CM
S64.30	Injury of digital nerve of unspecified thumb	Diagnosis	ICD-10-CM
S64.30XA	Injury of digital nerve of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S64.30XD	Injury of digital nerve of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S64.30XS	Injury of digital nerve of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S64.31	Injury of digital nerve of right thumb	Diagnosis	ICD-10-CM
S64.31XA	Injury of digital nerve of right thumb, initial encounter	Diagnosis	ICD-10-CM
S64.31XD	Injury of digital nerve of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S64.31XS	Injury of digital nerve of right thumb, sequela	Diagnosis	ICD-10-CM
S64.32	Injury of digital nerve of left thumb	Diagnosis	ICD-10-CM
S64.32XA	Injury of digital nerve of left thumb, initial encounter	Diagnosis	ICD-10-CM
S64.32XD	Injury of digital nerve of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S64.32XS	Injury of digital nerve of left thumb, sequela	Diagnosis	ICD-10-CM
S64.4	Injury of digital nerve of other and unspecified finger	Diagnosis	ICD-10-CM
S64.40	Injury of digital nerve of unspecified finger	Diagnosis	ICD-10-CM
S64.40XA	Injury of digital nerve of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S64.40XD	Injury of digital nerve of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.40XS	Injury of digital nerve of unspecified finger, sequela	Diagnosis	ICD-10-CM
S64.49	Injury of digital nerve of other finger	Diagnosis	ICD-10-CM
S64.490	Injury of digital nerve of right index finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S64.490A	Injury of digital nerve of right index finger, initial encounter	Diagnosis	ICD-10-CM
S64.490D	Injury of digital nerve of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.490S	Injury of digital nerve of right index finger, sequela	Diagnosis	ICD-10-CM
S64.491	Injury of digital nerve of left index finger	Diagnosis	ICD-10-CM
S64.491A	Injury of digital nerve of left index finger, initial encounter	Diagnosis	ICD-10-CM
S64.491D	Injury of digital nerve of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.491S	Injury of digital nerve of left index finger, sequela	Diagnosis	ICD-10-CM
S64.492	Injury of digital nerve of right middle finger	Diagnosis	ICD-10-CM
S64.492A	Injury of digital nerve of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S64.492D	Injury of digital nerve of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.492S	Injury of digital nerve of right middle finger, sequela	Diagnosis	ICD-10-CM
S64.493	Injury of digital nerve of left middle finger	Diagnosis	ICD-10-CM
S64.493A	Injury of digital nerve of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S64.493D	Injury of digital nerve of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.493S	Injury of digital nerve of left middle finger, sequela	Diagnosis	ICD-10-CM
S64.494	Injury of digital nerve of right ring finger	Diagnosis	ICD-10-CM
S64.494A	Injury of digital nerve of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S64.494D	Injury of digital nerve of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.494S	Injury of digital nerve of right ring finger, sequela	Diagnosis	ICD-10-CM
S64.495	Injury of digital nerve of left ring finger	Diagnosis	ICD-10-CM
S64.495A	Injury of digital nerve of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S64.495D	Injury of digital nerve of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.495S	Injury of digital nerve of left ring finger, sequela	Diagnosis	ICD-10-CM
S64.496	Injury of digital nerve of right little finger	Diagnosis	ICD-10-CM
S64.496A	Injury of digital nerve of right little finger, initial encounter	Diagnosis	ICD-10-CM
S64.496D	Injury of digital nerve of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.496S	Injury of digital nerve of right little finger, sequela	Diagnosis	ICD-10-CM
S64.497	Injury of digital nerve of left little finger	Diagnosis	ICD-10-CM
S64.497A	Injury of digital nerve of left little finger, initial encounter	Diagnosis	ICD-10-CM
S64.497D	Injury of digital nerve of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.497S	Injury of digital nerve of left little finger, sequela	Diagnosis	ICD-10-CM
S64.498	Injury of digital nerve of other finger	Diagnosis	ICD-10-CM
S64.498A	Injury of digital nerve of other finger, initial encounter	Diagnosis	ICD-10-CM
S64.498D	Injury of digital nerve of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S64.498S	Injury of digital nerve of other finger, sequela	Diagnosis	ICD-10-CM
S64.8	Injury of other nerves at wrist and hand level	Diagnosis	ICD-10-CM
S64.8X	Injury of other nerves at wrist and hand level	Diagnosis	ICD-10-CM
S64.8X1	Injury of other nerves at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S64.8X1A	Injury of other nerves at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.8X1D	Injury of other nerves at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.8X1S	Injury of other nerves at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S64.8X2	Injury of other nerves at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S64.8X2A	Injury of other nerves at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.8X2D	Injury of other nerves at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.8X2S	Injury of other nerves at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S64.8X9	Injury of other nerves at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S64.8X9A	Injury of other nerves at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.8X9D	Injury of other nerves at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.8X9S	Injury of other nerves at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S64.9	Injury of unspecified nerve at wrist and hand level	Diagnosis	ICD-10-CM
S64.90	Injury of unspecified nerve at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S64.90XA	Injury of unspecified nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.90XD	Injury of unspecified nerve at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.90XS	Injury of unspecified nerve at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S64.91	Injury of unspecified nerve at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S64.91XA	Injury of unspecified nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.91XD	Injury of unspecified nerve at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.91XS	Injury of unspecified nerve at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S64.92	Injury of unspecified nerve at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S64.92XA	Injury of unspecified nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.92XD	Injury of unspecified nerve at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S64.92XS	Injury of unspecified nerve at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65	Injury of blood vessels at wrist and hand level	Diagnosis	ICD-10-CM
S65.0	Injury of ulnar artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.00	Unspecified injury of ulnar artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.001	Unspecified injury of ulnar artery at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.001A	Unspecified injury of ulnar artery at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.001D	Unspecified injury of ulnar artery at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.001S	Unspecified injury of ulnar artery at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.002	Unspecified injury of ulnar artery at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.002A	Unspecified injury of ulnar artery at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.002D	Unspecified injury of ulnar artery at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.002S	Unspecified injury of ulnar artery at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.009	Unspecified injury of ulnar artery at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.009A	Unspecified injury of ulnar artery at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.009D	Unspecified injury of ulnar artery at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.009S	Unspecified injury of ulnar artery at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S65.01	Laceration of ulnar artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.011	Laceration of ulnar artery at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.011A	Laceration of ulnar artery at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.011D	Laceration of ulnar artery at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.011S	Laceration of ulnar artery at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.012	Laceration of ulnar artery at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.012A	Laceration of ulnar artery at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.012D	Laceration of ulnar artery at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.012S	Laceration of ulnar artery at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.019	Laceration of ulnar artery at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.019A	Laceration of ulnar artery at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.019D	Laceration of ulnar artery at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.019S	Laceration of ulnar artery at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.09	Other specified injury of ulnar artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.091	Other specified injury of ulnar artery at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.091A	Other specified injury of ulnar artery at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.091D	Other specified injury of ulnar artery at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.091S	Other specified injury of ulnar artery at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.092	Other specified injury of ulnar artery at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.092A	Other specified injury of ulnar artery at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.092D	Other specified injury of ulnar artery at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.092S	Other specified injury of ulnar artery at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.099	Other specified injury of ulnar artery at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.099A	Other specified injury of ulnar artery at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.099D	Other specified injury of ulnar artery at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.099S	Other specified injury of ulnar artery at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.1	Injury of radial artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.10	Unspecified injury of radial artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.101	Unspecified injury of radial artery at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.101A	Unspecified injury of radial artery at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.101D	Unspecified injury of radial artery at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.101S	Unspecified injury of radial artery at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.102	Unspecified injury of radial artery at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.102A	Unspecified injury of radial artery at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.102D	Unspecified injury of radial artery at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.102S	Unspecified injury of radial artery at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.109	Unspecified injury of radial artery at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.109A	Unspecified injury of radial artery at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.109D	Unspecified injury of radial artery at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.109S	Unspecified injury of radial artery at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.11	Laceration of radial artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.111	Laceration of radial artery at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.111A	Laceration of radial artery at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.111D	Laceration of radial artery at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.111S	Laceration of radial artery at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.112	Laceration of radial artery at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.112A	Laceration of radial artery at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.112D	Laceration of radial artery at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.112S	Laceration of radial artery at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.119	Laceration of radial artery at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.119A	Laceration of radial artery at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.119D	Laceration of radial artery at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.119S	Laceration of radial artery at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.19	Other specified injury of radial artery at wrist and hand level	Diagnosis	ICD-10-CM
S65.191	Other specified injury of radial artery at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.191A	Other specified injury of radial artery at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.191D	Other specified injury of radial artery at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.191S	Other specified injury of radial artery at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.192	Other specified injury of radial artery at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.192A	Other specified injury of radial artery at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.192D	Other specified injury of radial artery at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.192S	Other specified injury of radial artery at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.199	Other specified injury of radial artery at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.199A	Other specified injury of radial artery at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.199D	Other specified injury of radial artery at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.199S	Other specified injury of radial artery at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.2	Injury of superficial palmar arch	Diagnosis	ICD-10-CM
S65.20	Unspecified injury of superficial palmar arch	Diagnosis	ICD-10-CM
S65.201	Unspecified injury of superficial palmar arch of right hand	Diagnosis	ICD-10-CM
S65.201A	Unspecified injury of superficial palmar arch of right hand, initial encounter	Diagnosis	ICD-10-CM
S65.201D	Unspecified injury of superficial palmar arch of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.201S	Unspecified injury of superficial palmar arch of right hand, sequela	Diagnosis	ICD-10-CM
S65.202	Unspecified injury of superficial palmar arch of left hand	Diagnosis	ICD-10-CM
S65.202A	Unspecified injury of superficial palmar arch of left hand, initial encounter	Diagnosis	ICD-10-CM
S65.202D	Unspecified injury of superficial palmar arch of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.202S	Unspecified injury of superficial palmar arch of left hand, sequela	Diagnosis	ICD-10-CM
S65.209	Unspecified injury of superficial palmar arch of unspecified hand	Diagnosis	ICD-10-CM
S65.209A	Unspecified injury of superficial palmar arch of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S65.209D	Unspecified injury of superficial palmar arch of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.209S	Unspecified injury of superficial palmar arch of unspecified hand, sequela	Diagnosis	ICD-10-CM
S65.21	Laceration of superficial palmar arch	Diagnosis	ICD-10-CM
S65.211	Laceration of superficial palmar arch of right hand	Diagnosis	ICD-10-CM
S65.211A	Laceration of superficial palmar arch of right hand, initial encounter	Diagnosis	ICD-10-CM
S65.211D	Laceration of superficial palmar arch of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.211S	Laceration of superficial palmar arch of right hand, sequela	Diagnosis	ICD-10-CM
S65.212	Laceration of superficial palmar arch of left hand	Diagnosis	ICD-10-CM
S65.212A	Laceration of superficial palmar arch of left hand, initial encounter	Diagnosis	ICD-10-CM
S65.212D	Laceration of superficial palmar arch of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.212S	Laceration of superficial palmar arch of left hand, sequela	Diagnosis	ICD-10-CM
S65.219	Laceration of superficial palmar arch of unspecified hand	Diagnosis	ICD-10-CM
S65.219A	Laceration of superficial palmar arch of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S65.219D	Laceration of superficial palmar arch of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.219S	Laceration of superficial palmar arch of unspecified hand, sequela	Diagnosis	ICD-10-CM
S65.29	Other specified injury of superficial palmar arch	Diagnosis	ICD-10-CM
S65.291	Other specified injury of superficial palmar arch of right hand	Diagnosis	ICD-10-CM
S65.291A	Other specified injury of superficial palmar arch of right hand, initial encounter	Diagnosis	ICD-10-CM
S65.291D	Other specified injury of superficial palmar arch of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.291S	Other specified injury of superficial palmar arch of right hand, sequela	Diagnosis	ICD-10-CM
S65.292	Other specified injury of superficial palmar arch of left hand	Diagnosis	ICD-10-CM
S65.292A	Other specified injury of superficial palmar arch of left hand, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.292D	Other specified injury of superficial palmar arch of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.292S	Other specified injury of superficial palmar arch of left hand, sequela	Diagnosis	ICD-10-CM
S65.299	Other specified injury of superficial palmar arch of unspecified hand	Diagnosis	ICD-10-CM
S65.299A	Other specified injury of superficial palmar arch of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S65.299D	Other specified injury of superficial palmar arch of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.299S	Other specified injury of superficial palmar arch of unspecified hand, sequela	Diagnosis	ICD-10-CM
S65.3	Injury of deep palmar arch	Diagnosis	ICD-10-CM
S65.30	Unspecified injury of deep palmar arch	Diagnosis	ICD-10-CM
S65.301	Unspecified injury of deep palmar arch of right hand	Diagnosis	ICD-10-CM
S65.301A	Unspecified injury of deep palmar arch of right hand, initial encounter	Diagnosis	ICD-10-CM
S65.301D	Unspecified injury of deep palmar arch of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.301S	Unspecified injury of deep palmar arch of right hand, sequela	Diagnosis	ICD-10-CM
S65.302	Unspecified injury of deep palmar arch of left hand	Diagnosis	ICD-10-CM
S65.302A	Unspecified injury of deep palmar arch of left hand, initial encounter	Diagnosis	ICD-10-CM
S65.302D	Unspecified injury of deep palmar arch of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.302S	Unspecified injury of deep palmar arch of left hand, sequela	Diagnosis	ICD-10-CM
S65.309	Unspecified injury of deep palmar arch of unspecified hand	Diagnosis	ICD-10-CM
S65.309A	Unspecified injury of deep palmar arch of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S65.309D	Unspecified injury of deep palmar arch of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.309S	Unspecified injury of deep palmar arch of unspecified hand, sequela	Diagnosis	ICD-10-CM
S65.31	Laceration of deep palmar arch	Diagnosis	ICD-10-CM
S65.311	Laceration of deep palmar arch of right hand	Diagnosis	ICD-10-CM
S65.311A	Laceration of deep palmar arch of right hand, initial encounter	Diagnosis	ICD-10-CM
S65.311D	Laceration of deep palmar arch of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.311S	Laceration of deep palmar arch of right hand, sequela	Diagnosis	ICD-10-CM
S65.312	Laceration of deep palmar arch of left hand	Diagnosis	ICD-10-CM
S65.312A	Laceration of deep palmar arch of left hand, initial encounter	Diagnosis	ICD-10-CM
S65.312D	Laceration of deep palmar arch of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.312S	Laceration of deep palmar arch of left hand, sequela	Diagnosis	ICD-10-CM
S65.319	Laceration of deep palmar arch of unspecified hand	Diagnosis	ICD-10-CM
S65.319A	Laceration of deep palmar arch of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S65.319D	Laceration of deep palmar arch of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.319S	Laceration of deep palmar arch of unspecified hand, sequela	Diagnosis	ICD-10-CM
S65.39	Other specified injury of deep palmar arch	Diagnosis	ICD-10-CM
S65.391	Other specified injury of deep palmar arch of right hand	Diagnosis	ICD-10-CM
S65.391A	Other specified injury of deep palmar arch of right hand, initial encounter	Diagnosis	ICD-10-CM
S65.391D	Other specified injury of deep palmar arch of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.391S	Other specified injury of deep palmar arch of right hand, sequela	Diagnosis	ICD-10-CM
S65.392	Other specified injury of deep palmar arch of left hand	Diagnosis	ICD-10-CM
S65.392A	Other specified injury of deep palmar arch of left hand, initial encounter	Diagnosis	ICD-10-CM
S65.392D	Other specified injury of deep palmar arch of left hand, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.392S	Other specified injury of deep palmar arch of left hand, sequela	Diagnosis	ICD-10-CM
S65.399	Other specified injury of deep palmar arch of unspecified hand	Diagnosis	ICD-10-CM
S65.399A	Other specified injury of deep palmar arch of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S65.399D	Other specified injury of deep palmar arch of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S65.399S	Other specified injury of deep palmar arch of unspecified hand, sequela	Diagnosis	ICD-10-CM
S65.4	Injury of blood vessel of thumb	Diagnosis	ICD-10-CM
S65.40	Unspecified injury of blood vessel of thumb	Diagnosis	ICD-10-CM
S65.401	Unspecified injury of blood vessel of right thumb	Diagnosis	ICD-10-CM
S65.401A	Unspecified injury of blood vessel of right thumb, initial encounter	Diagnosis	ICD-10-CM
S65.401D	Unspecified injury of blood vessel of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.401S	Unspecified injury of blood vessel of right thumb, sequela	Diagnosis	ICD-10-CM
S65.402	Unspecified injury of blood vessel of left thumb	Diagnosis	ICD-10-CM
S65.402A	Unspecified injury of blood vessel of left thumb, initial encounter	Diagnosis	ICD-10-CM
S65.402D	Unspecified injury of blood vessel of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.402S	Unspecified injury of blood vessel of left thumb, sequela	Diagnosis	ICD-10-CM
S65.409	Unspecified injury of blood vessel of unspecified thumb	Diagnosis	ICD-10-CM
S65.409A	Unspecified injury of blood vessel of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S65.409D	Unspecified injury of blood vessel of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.409S	Unspecified injury of blood vessel of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S65.41	Laceration of blood vessel of thumb	Diagnosis	ICD-10-CM
S65.411	Laceration of blood vessel of right thumb	Diagnosis	ICD-10-CM
S65.411A	Laceration of blood vessel of right thumb, initial encounter	Diagnosis	ICD-10-CM
S65.411D	Laceration of blood vessel of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.411S	Laceration of blood vessel of right thumb, sequela	Diagnosis	ICD-10-CM
S65.412	Laceration of blood vessel of left thumb	Diagnosis	ICD-10-CM
S65.412A	Laceration of blood vessel of left thumb, initial encounter	Diagnosis	ICD-10-CM
S65.412D	Laceration of blood vessel of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.412S	Laceration of blood vessel of left thumb, sequela	Diagnosis	ICD-10-CM
S65.419	Laceration of blood vessel of unspecified thumb	Diagnosis	ICD-10-CM
S65.419A	Laceration of blood vessel of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S65.419D	Laceration of blood vessel of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.419S	Laceration of blood vessel of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S65.49	Other specified injury of blood vessel of thumb	Diagnosis	ICD-10-CM
S65.491	Other specified injury of blood vessel of right thumb	Diagnosis	ICD-10-CM
S65.491A	Other specified injury of blood vessel of right thumb, initial encounter	Diagnosis	ICD-10-CM
S65.491D	Other specified injury of blood vessel of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.491S	Other specified injury of blood vessel of right thumb, sequela	Diagnosis	ICD-10-CM
S65.492	Other specified injury of blood vessel of left thumb	Diagnosis	ICD-10-CM
S65.492A	Other specified injury of blood vessel of left thumb, initial encounter	Diagnosis	ICD-10-CM
S65.492D	Other specified injury of blood vessel of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.492S	Other specified injury of blood vessel of left thumb, sequela	Diagnosis	ICD-10-CM
S65.499	Other specified injury of blood vessel of unspecified thumb	Diagnosis	ICD-10-CM
S65.499A	Other specified injury of blood vessel of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.499D	Other specified injury of blood vessel of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S65.499S	Other specified injury of blood vessel of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S65.5	Injury of blood vessel of other and unspecified finger	Diagnosis	ICD-10-CM
S65.50	Unspecified injury of blood vessel of other and unspecified finger	Diagnosis	ICD-10-CM
S65.500	Unspecified injury of blood vessel of right index finger	Diagnosis	ICD-10-CM
S65.500A	Unspecified injury of blood vessel of right index finger, initial encounter	Diagnosis	ICD-10-CM
S65.500D	Unspecified injury of blood vessel of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.500S	Unspecified injury of blood vessel of right index finger, sequela	Diagnosis	ICD-10-CM
S65.501	Unspecified injury of blood vessel of left index finger	Diagnosis	ICD-10-CM
S65.501A	Unspecified injury of blood vessel of left index finger, initial encounter	Diagnosis	ICD-10-CM
S65.501D	Unspecified injury of blood vessel of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.501S	Unspecified injury of blood vessel of left index finger, sequela	Diagnosis	ICD-10-CM
S65.502	Unspecified injury of blood vessel of right middle finger	Diagnosis	ICD-10-CM
S65.502A	Unspecified injury of blood vessel of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S65.502D	Unspecified injury of blood vessel of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.502S	Unspecified injury of blood vessel of right middle finger, sequela	Diagnosis	ICD-10-CM
S65.503	Unspecified injury of blood vessel of left middle finger	Diagnosis	ICD-10-CM
S65.503A	Unspecified injury of blood vessel of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S65.503D	Unspecified injury of blood vessel of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.503S	Unspecified injury of blood vessel of left middle finger, sequela	Diagnosis	ICD-10-CM
S65.504	Unspecified injury of blood vessel of right ring finger	Diagnosis	ICD-10-CM
S65.504A	Unspecified injury of blood vessel of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S65.504D	Unspecified injury of blood vessel of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.504S	Unspecified injury of blood vessel of right ring finger, sequela	Diagnosis	ICD-10-CM
S65.505	Unspecified injury of blood vessel of left ring finger	Diagnosis	ICD-10-CM
S65.505A	Unspecified injury of blood vessel of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S65.505D	Unspecified injury of blood vessel of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.505S	Unspecified injury of blood vessel of left ring finger, sequela	Diagnosis	ICD-10-CM
S65.506	Unspecified injury of blood vessel of right little finger	Diagnosis	ICD-10-CM
S65.506A	Unspecified injury of blood vessel of right little finger, initial encounter	Diagnosis	ICD-10-CM
S65.506D	Unspecified injury of blood vessel of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.506S	Unspecified injury of blood vessel of right little finger, sequela	Diagnosis	ICD-10-CM
S65.507	Unspecified injury of blood vessel of left little finger	Diagnosis	ICD-10-CM
S65.507A	Unspecified injury of blood vessel of left little finger, initial encounter	Diagnosis	ICD-10-CM
S65.507D	Unspecified injury of blood vessel of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.507S	Unspecified injury of blood vessel of left little finger, sequela	Diagnosis	ICD-10-CM
S65.508	Unspecified injury of blood vessel of other finger	Diagnosis	ICD-10-CM
S65.508A	Unspecified injury of blood vessel of other finger, initial encounter	Diagnosis	ICD-10-CM
S65.508D	Unspecified injury of blood vessel of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.508S	Unspecified injury of blood vessel of other finger, sequela	Diagnosis	ICD-10-CM
S65.509	Unspecified injury of blood vessel of unspecified finger	Diagnosis	ICD-10-CM
S65.509A	Unspecified injury of blood vessel of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S65.509D	Unspecified injury of blood vessel of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.509S	Unspecified injury of blood vessel of unspecified finger, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S65.51	Laceration of blood vessel of other and unspecified finger	Diagnosis	ICD-10-CM
S65.510	Laceration of blood vessel of right index finger	Diagnosis	ICD-10-CM
S65.510A	Laceration of blood vessel of right index finger, initial encounter	Diagnosis	ICD-10-CM
S65.510D	Laceration of blood vessel of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.510S	Laceration of blood vessel of right index finger, sequela	Diagnosis	ICD-10-CM
S65.511	Laceration of blood vessel of left index finger	Diagnosis	ICD-10-CM
S65.511A	Laceration of blood vessel of left index finger, initial encounter	Diagnosis	ICD-10-CM
S65.511D	Laceration of blood vessel of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.511S	Laceration of blood vessel of left index finger, sequela	Diagnosis	ICD-10-CM
S65.512	Laceration of blood vessel of right middle finger	Diagnosis	ICD-10-CM
S65.512A	Laceration of blood vessel of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S65.512D	Laceration of blood vessel of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.512S	Laceration of blood vessel of right middle finger, sequela	Diagnosis	ICD-10-CM
S65.513	Laceration of blood vessel of left middle finger	Diagnosis	ICD-10-CM
S65.513A	Laceration of blood vessel of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S65.513D	Laceration of blood vessel of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.513S	Laceration of blood vessel of left middle finger, sequela	Diagnosis	ICD-10-CM
S65.514	Laceration of blood vessel of right ring finger	Diagnosis	ICD-10-CM
S65.514A	Laceration of blood vessel of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S65.514D	Laceration of blood vessel of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.514S	Laceration of blood vessel of right ring finger, sequela	Diagnosis	ICD-10-CM
S65.515	Laceration of blood vessel of left ring finger	Diagnosis	ICD-10-CM
S65.515A	Laceration of blood vessel of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S65.515D	Laceration of blood vessel of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.515S	Laceration of blood vessel of left ring finger, sequela	Diagnosis	ICD-10-CM
S65.516	Laceration of blood vessel of right little finger	Diagnosis	ICD-10-CM
S65.516A	Laceration of blood vessel of right little finger, initial encounter	Diagnosis	ICD-10-CM
S65.516D	Laceration of blood vessel of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.516S	Laceration of blood vessel of right little finger, sequela	Diagnosis	ICD-10-CM
S65.517	Laceration of blood vessel of left little finger	Diagnosis	ICD-10-CM
S65.517A	Laceration of blood vessel of left little finger, initial encounter	Diagnosis	ICD-10-CM
S65.517D	Laceration of blood vessel of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.517S	Laceration of blood vessel of left little finger, sequela	Diagnosis	ICD-10-CM
S65.518	Laceration of blood vessel of other finger	Diagnosis	ICD-10-CM
S65.518A	Laceration of blood vessel of other finger, initial encounter	Diagnosis	ICD-10-CM
S65.518D	Laceration of blood vessel of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.518S	Laceration of blood vessel of other finger, sequela	Diagnosis	ICD-10-CM
S65.519	Laceration of blood vessel of unspecified finger	Diagnosis	ICD-10-CM
S65.519A	Laceration of blood vessel of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S65.519D	Laceration of blood vessel of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.519S	Laceration of blood vessel of unspecified finger, sequela	Diagnosis	ICD-10-CM
S65.59	Other specified injury of blood vessel of other and unspecified finger	Diagnosis	ICD-10-CM
S65.590	Other specified injury of blood vessel of right index finger	Diagnosis	ICD-10-CM
S65.590A	Other specified injury of blood vessel of right index finger, initial encounter	Diagnosis	ICD-10-CM
S65.590D	Other specified injury of blood vessel of right index finger, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.590S	Other specified injury of blood vessel of right index finger, sequela	Diagnosis	ICD-10-CM
S65.591	Other specified injury of blood vessel of left index finger	Diagnosis	ICD-10-CM
S65.591A	Other specified injury of blood vessel of left index finger, initial encounter	Diagnosis	ICD-10-CM
S65.591D	Other specified injury of blood vessel of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.591S	Other specified injury of blood vessel of left index finger, sequela	Diagnosis	ICD-10-CM
S65.592	Other specified injury of blood vessel of right middle finger	Diagnosis	ICD-10-CM
S65.592A	Other specified injury of blood vessel of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S65.592D	Other specified injury of blood vessel of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.592S	Other specified injury of blood vessel of right middle finger, sequela	Diagnosis	ICD-10-CM
S65.593	Other specified injury of blood vessel of left middle finger	Diagnosis	ICD-10-CM
S65.593A	Other specified injury of blood vessel of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S65.593D	Other specified injury of blood vessel of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.593S	Other specified injury of blood vessel of left middle finger, sequela	Diagnosis	ICD-10-CM
S65.594	Other specified injury of blood vessel of right ring finger	Diagnosis	ICD-10-CM
S65.594A	Other specified injury of blood vessel of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S65.594D	Other specified injury of blood vessel of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.594S	Other specified injury of blood vessel of right ring finger, sequela	Diagnosis	ICD-10-CM
S65.595	Other specified injury of blood vessel of left ring finger	Diagnosis	ICD-10-CM
S65.595A	Other specified injury of blood vessel of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S65.595D	Other specified injury of blood vessel of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.595S	Other specified injury of blood vessel of left ring finger, sequela	Diagnosis	ICD-10-CM
S65.596	Other specified injury of blood vessel of right little finger	Diagnosis	ICD-10-CM
S65.596A	Other specified injury of blood vessel of right little finger, initial encounter	Diagnosis	ICD-10-CM
S65.596D	Other specified injury of blood vessel of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.596S	Other specified injury of blood vessel of right little finger, sequela	Diagnosis	ICD-10-CM
S65.597	Other specified injury of blood vessel of left little finger	Diagnosis	ICD-10-CM
S65.597A	Other specified injury of blood vessel of left little finger, initial encounter	Diagnosis	ICD-10-CM
S65.597D	Other specified injury of blood vessel of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.597S	Other specified injury of blood vessel of left little finger, sequela	Diagnosis	ICD-10-CM
S65.598	Other specified injury of blood vessel of other finger	Diagnosis	ICD-10-CM
S65.598A	Other specified injury of blood vessel of other finger, initial encounter	Diagnosis	ICD-10-CM
S65.598D	Other specified injury of blood vessel of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.598S	Other specified injury of blood vessel of other finger, sequela	Diagnosis	ICD-10-CM
S65.599	Other specified injury of blood vessel of unspecified finger	Diagnosis	ICD-10-CM
S65.599A	Other specified injury of blood vessel of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S65.599D	Other specified injury of blood vessel of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S65.599S	Other specified injury of blood vessel of unspecified finger, sequela	Diagnosis	ICD-10-CM
S65.8	Injury of other blood vessels at wrist and hand level	Diagnosis	ICD-10-CM
S65.80	Unspecified injury of other blood vessels at wrist and hand level	Diagnosis	ICD-10-CM
S65.801	Unspecified injury of other blood vessels at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.801A	Unspecified injury of other blood vessels at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.801D	Unspecified injury of other blood vessels at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.801S	Unspecified injury of other blood vessels at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.802	Unspecified injury of other blood vessels at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.802A	Unspecified injury of other blood vessels at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.802D	Unspecified injury of other blood vessels at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.802S	Unspecified injury of other blood vessels at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.809	Unspecified injury of other blood vessels at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.809A	Unspecified injury of other blood vessels at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.809D	Unspecified injury of other blood vessels at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.809S	Unspecified injury of other blood vessels at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.81	Laceration of other blood vessels at wrist and hand level	Diagnosis	ICD-10-CM
S65.811	Laceration of other blood vessels at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.811A	Laceration of other blood vessels at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.811D	Laceration of other blood vessels at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.811S	Laceration of other blood vessels at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.812	Laceration of other blood vessels at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.812A	Laceration of other blood vessels at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.812D	Laceration of other blood vessels at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.812S	Laceration of other blood vessels at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.819	Laceration of other blood vessels at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.819A	Laceration of other blood vessels at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.819D	Laceration of other blood vessels at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.819S	Laceration of other blood vessels at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.89	Other specified injury of other blood vessels at wrist and hand level	Diagnosis	ICD-10-CM
S65.891	Other specified injury of other blood vessels at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.891A	Other specified injury of other blood vessels at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.891D	Other specified injury of other blood vessels at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.891S	Other specified injury of other blood vessels at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.892	Other specified injury of other blood vessels at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.892A	Other specified injury of other blood vessels at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.892D	Other specified injury of other blood vessels at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.892S	Other specified injury of other blood vessels at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.899	Other specified injury of other blood vessels at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.899A	Other specified injury of other blood vessels at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.899D	Other specified injury of other blood vessels at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.899S	Other specified injury of other blood vessels at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.9	Injury of unspecified blood vessel at wrist and hand level	Diagnosis	ICD-10-CM
S65.90	Unspecified injury of unspecified blood vessel at wrist and hand level	Diagnosis	ICD-10-CM
S65.901	Unspecified injury of unspecified blood vessel at wrist and hand level of right arm	Diagnosis	ICD-10-CM
S65.901A	Unspecified injury of unspecified blood vessel at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.901D	Unspecified injury of unspecified blood vessel at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.901S	Unspecified injury of unspecified blood vessel at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.902	Unspecified injury of unspecified blood vessel at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.902A	Unspecified injury of unspecified blood vessel at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.902D	Unspecified injury of unspecified blood vessel at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.902S	Unspecified injury of unspecified blood vessel at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.909	Unspecified injury of unspecified blood vessel at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.909A	Unspecified injury of unspecified blood vessel at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.909D	Unspecified injury of unspecified blood vessel at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.909S	Unspecified injury of unspecified blood vessel at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.91	Laceration of unspecified blood vessel at wrist and hand level	Diagnosis	ICD-10-CM
S65.911	Laceration of unspecified blood vessel at wrist and hand level of right arm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S65.911A	Laceration of unspecified blood vessel at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.911D	Laceration of unspecified blood vessel at wrist and hand level of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.911S	Laceration of unspecified blood vessel at wrist and hand level of right arm, sequela	Diagnosis	ICD-10-CM
S65.912	Laceration of unspecified blood vessel at wrist and hand level of left arm	Diagnosis	ICD-10-CM
S65.912A	Laceration of unspecified blood vessel at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.912D	Laceration of unspecified blood vessel at wrist and hand level of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.912S	Laceration of unspecified blood vessel at wrist and hand level of left arm, sequela	Diagnosis	ICD-10-CM
S65.919	Laceration of unspecified blood vessel at wrist and hand level of unspecified arm	Diagnosis	ICD-10-CM
S65.919A	Laceration of unspecified blood vessel at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.919D	Laceration of unspecified blood vessel at wrist and hand level of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.919S	Laceration of unspecified blood vessel at wrist and hand level of unspecified arm, sequela	Diagnosis	ICD-10-CM
S65.99	Other specified injury of unspecified blood vessel at wrist and hand level	Diagnosis	ICD-10-CM
S65.991	Other specified injury of unspecified blood vessel at wrist and hand of right arm	Diagnosis	ICD-10-CM
S65.991A	Other specified injury of unspecified blood vessel at wrist and hand of right arm, initial encounter	Diagnosis	ICD-10-CM
S65.991D	Other specified injury of unspecified blood vessel at wrist and hand of right arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.991S	Other specified injury of unspecified blood vessel at wrist and hand of right arm, sequela	Diagnosis	ICD-10-CM
S65.992	Other specified injury of unspecified blood vessel at wrist and hand of left arm	Diagnosis	ICD-10-CM
S65.992A	Other specified injury of unspecified blood vessel at wrist and hand of left arm, initial encounter	Diagnosis	ICD-10-CM
S65.992D	Other specified injury of unspecified blood vessel at wrist and hand of left arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.992S	Other specified injury of unspecified blood vessel at wrist and hand of left arm, sequela	Diagnosis	ICD-10-CM
S65.999	Other specified injury of unspecified blood vessel at wrist and hand of unspecified arm	Diagnosis	ICD-10-CM
S65.999A	Other specified injury of unspecified blood vessel at wrist and hand of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S65.999D	Other specified injury of unspecified blood vessel at wrist and hand of unspecified arm, subsequent encounter	Diagnosis	ICD-10-CM
S65.999S	Other specified injury of unspecified blood vessel at wrist and hand of unspecified arm, sequela	Diagnosis	ICD-10-CM
S66	Injury of muscle, fascia and tendon at wrist and hand level	Diagnosis	ICD-10-CM
S66.0	Injury of long flexor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.00	Unspecified injury of long flexor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.001	Unspecified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.001A	Unspecified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.001D	Unspecified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.001S	Unspecified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.002	Unspecified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.002A	Unspecified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.002D	Unspecified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.002S	Unspecified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.009	Unspecified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.009A	Unspecified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.009D	Unspecified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.009S	Unspecified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.01	Strain of long flexor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.011	Strain of long flexor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.011A	Strain of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.011D	Strain of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.011S	Strain of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.012	Strain of long flexor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.012A	Strain of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.012D	Strain of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.012S	Strain of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.019	Strain of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.019A	Strain of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.019D	Strain of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.019S	Strain of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.02	Laceration of long flexor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.021	Laceration of long flexor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.021A	Laceration of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.021D	Laceration of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.021S	Laceration of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.022	Laceration of long flexor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.022A	Laceration of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.022D	Laceration of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.022S	Laceration of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.029	Laceration of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.029A	Laceration of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.029D	Laceration of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.029S	Laceration of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.09	Other specified injury of long flexor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.091	Other specified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.091A	Other specified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.091D	Other specified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.091S	Other specified injury of long flexor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.092	Other specified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.092A	Other specified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.092D	Other specified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.092S	Other specified injury of long flexor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.099	Other specified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.099A	Other specified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.099D	Other specified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.099S	Other specified injury of long flexor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.1	Injury of flexor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.10	Unspecified injury of flexor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.100	Unspecified injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.100A	Unspecified injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.100D	Unspecified injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.100S	Unspecified injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.101	Unspecified injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.101A	Unspecified injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.101D	Unspecified injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.101S	Unspecified injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.102	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.102A	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.102D	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.102S	Unspecified injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.103	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.103A	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.103D	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.103S	Unspecified injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.104	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.104A	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.104D	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.104S	Unspecified injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.105	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.105A	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.105D	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.105S	Unspecified injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.106	Unspecified injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.106A	Unspecified injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.106D	Unspecified injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.106S	Unspecified injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.107	Unspecified injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.107A	Unspecified injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.107D	Unspecified injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.107S	Unspecified injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.108	Unspecified injury of flexor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.108A	Unspecified injury of flexor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.108D	Unspecified injury of flexor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.108S	Unspecified injury of flexor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.109	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.109A	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.109D	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.109S	Unspecified injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.11	Strain of flexor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.110	Strain of flexor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.110A	Strain of flexor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.110D	Strain of flexor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.110S	Strain of flexor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.111	Strain of flexor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.111A	Strain of flexor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.111D	Strain of flexor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.111S	Strain of flexor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.112	Strain of flexor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.112A	Strain of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.112D	Strain of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.112S	Strain of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.113	Strain of flexor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.113A	Strain of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.113D	Strain of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.113S	Strain of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.114	Strain of flexor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.114A	Strain of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.114D	Strain of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.114S	Strain of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.115	Strain of flexor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.115A	Strain of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.115D	Strain of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.115S	Strain of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.116	Strain of flexor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.116A	Strain of flexor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.116D	Strain of flexor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.116S	Strain of flexor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.117	Strain of flexor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.117A	Strain of flexor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.117D	Strain of flexor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.117S	Strain of flexor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.118	Strain of flexor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.118A	Strain of flexor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.118D	Strain of flexor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.118S	Strain of flexor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.119	Strain of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.119A	Strain of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.119D	Strain of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.119S	Strain of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.12	Laceration of flexor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.120	Laceration of flexor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.120A	Laceration of flexor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.120D	Laceration of flexor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.120S	Laceration of flexor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.121	Laceration of flexor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.121A	Laceration of flexor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.121D	Laceration of flexor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.121S	Laceration of flexor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.122	Laceration of flexor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.122A	Laceration of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.122D	Laceration of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.122S	Laceration of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.123	Laceration of flexor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.123A	Laceration of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.123D	Laceration of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.123S	Laceration of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.124	Laceration of flexor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.124A	Laceration of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.124D	Laceration of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.124S	Laceration of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.125	Laceration of flexor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.125A	Laceration of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.125D	Laceration of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.125S	Laceration of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.126	Laceration of flexor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.126A	Laceration of flexor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.126D	Laceration of flexor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.126S	Laceration of flexor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.127	Laceration of flexor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.127A	Laceration of flexor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.127D	Laceration of flexor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.127S	Laceration of flexor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.128	Laceration of flexor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.128A	Laceration of flexor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.128D	Laceration of flexor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.128S	Laceration of flexor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.129	Laceration of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.129A	Laceration of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.129D	Laceration of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.129S	Laceration of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.19	Other injury of flexor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.190	Other injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.190A	Other injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.190D	Other injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.190S	Other injury of flexor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.191	Other injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.191A	Other injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.191D	Other injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.191S	Other injury of flexor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.192	Other injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.192A	Other injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.192D	Other injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.192S	Other injury of flexor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.193	Other injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.193A	Other injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.193D	Other injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.193S	Other injury of flexor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.194	Other injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.194A	Other injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.194D	Other injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.194S	Other injury of flexor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.195	Other injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.195A	Other injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.195D	Other injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.195S	Other injury of flexor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.196	Other injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.196A	Other injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.196D	Other injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.196S	Other injury of flexor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.197	Other injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.197A	Other injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.197D	Other injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.197S	Other injury of flexor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.198	Other injury of flexor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.198A	Other injury of flexor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.198D	Other injury of flexor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.198S	Other injury of flexor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.199	Other injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.199A	Other injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.199D	Other injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.199S	Other injury of flexor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.2	Injury of extensor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.20	Unspecified injury of extensor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.201	Unspecified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.201A	Unspecified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.201D	Unspecified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.201S	Unspecified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.202	Unspecified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.202A	Unspecified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.202D	Unspecified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.202S	Unspecified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.209	Unspecified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.209A	Unspecified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.209D	Unspecified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.209S	Unspecified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.21	Strain of extensor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.211	Strain of extensor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.211A	Strain of extensor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.211D	Strain of extensor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.211S	Strain of extensor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.212	Strain of extensor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.212A	Strain of extensor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.212D	Strain of extensor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.212S	Strain of extensor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.219	Strain of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.219A	Strain of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.219D	Strain of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.219S	Strain of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.22	Laceration of extensor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.221	Laceration of extensor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.221A	Laceration of extensor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.221D	Laceration of extensor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.221S	Laceration of extensor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.222	Laceration of extensor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.222A	Laceration of extensor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.222D	Laceration of extensor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.222S	Laceration of extensor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.229	Laceration of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.229A	Laceration of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.229D	Laceration of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.229S	Laceration of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.29	Other specified injury of extensor muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.291	Other specified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.291A	Other specified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.291D	Other specified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.291S	Other specified injury of extensor muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.292	Other specified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.292A	Other specified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.292D	Other specified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.292S	Other specified injury of extensor muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.299	Other specified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.299A	Other specified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.299D	Other specified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.299S	Other specified injury of extensor muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.3	Injury of extensor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.30	Unspecified injury of extensor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.300	Unspecified injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.300A	Unspecified injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.300D	Unspecified injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.300S	Unspecified injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.301	Unspecified injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.301A	Unspecified injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.301D	Unspecified injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.301S	Unspecified injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.302	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.302A	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.302D	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.302S	Unspecified injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.303	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.303A	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.303D	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.303S	Unspecified injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.304	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.304A	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.304D	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.304S	Unspecified injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.305	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.305A	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.305D	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.305S	Unspecified injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.306	Unspecified injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.306A	Unspecified injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.306D	Unspecified injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.306S	Unspecified injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.307	Unspecified injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.307A	Unspecified injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.307D	Unspecified injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.307S	Unspecified injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.308	Unspecified injury of extensor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.308A	Unspecified injury of extensor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.308D	Unspecified injury of extensor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.308S	Unspecified injury of extensor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.309	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.309A	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.309D	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.309S	Unspecified injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.31	Strain of extensor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.310	Strain of extensor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.310A	Strain of extensor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.310D	Strain of extensor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.310S	Strain of extensor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.311	Strain of extensor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.311A	Strain of extensor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.311D	Strain of extensor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.311S	Strain of extensor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.312	Strain of extensor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.312A	Strain of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.312D	Strain of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.312S	Strain of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.313	Strain of extensor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.313A	Strain of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.313D	Strain of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.313S	Strain of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.314	Strain of extensor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.314A	Strain of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.314D	Strain of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.314S	Strain of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.315	Strain of extensor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.315A	Strain of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.315D	Strain of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.315S	Strain of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.316	Strain of extensor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.316A	Strain of extensor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.316D	Strain of extensor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.316S	Strain of extensor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.317	Strain of extensor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.317A	Strain of extensor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.317D	Strain of extensor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.317S	Strain of extensor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.318	Strain of extensor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.318A	Strain of extensor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.318D	Strain of extensor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.318S	Strain of extensor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.319	Strain of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.319A	Strain of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.319D	Strain of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.319S	Strain of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.32	Laceration of extensor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.320	Laceration of extensor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.320A	Laceration of extensor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.320D	Laceration of extensor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.320S	Laceration of extensor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.321	Laceration of extensor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.321A	Laceration of extensor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.321D	Laceration of extensor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.321S	Laceration of extensor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.322	Laceration of extensor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.322A	Laceration of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.322D	Laceration of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.322S	Laceration of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.323	Laceration of extensor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.323A	Laceration of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.323D	Laceration of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.323S	Laceration of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.324	Laceration of extensor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.324A	Laceration of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.324D	Laceration of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.324S	Laceration of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.325	Laceration of extensor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.325A	Laceration of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.325D	Laceration of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.325S	Laceration of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.326	Laceration of extensor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.326A	Laceration of extensor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.326D	Laceration of extensor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.326S	Laceration of extensor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.327	Laceration of extensor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.327A	Laceration of extensor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.327D	Laceration of extensor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.327S	Laceration of extensor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.328	Laceration of extensor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.328A	Laceration of extensor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.328D	Laceration of extensor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.328S	Laceration of extensor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.329	Laceration of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.329A	Laceration of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.329D	Laceration of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.329S	Laceration of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.39	Other injury of extensor muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.390	Other injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.390A	Other injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.390D	Other injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.390S	Other injury of extensor muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.391	Other injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.391A	Other injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.391D	Other injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.391S	Other injury of extensor muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.392	Other injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.392A	Other injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.392D	Other injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.392S	Other injury of extensor muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.393	Other injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.393A	Other injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.393D	Other injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.393S	Other injury of extensor muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.394	Other injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.394A	Other injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.394D	Other injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.394S	Other injury of extensor muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.395	Other injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.395A	Other injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.395D	Other injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.395S	Other injury of extensor muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.396	Other injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.396A	Other injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.396D	Other injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.396S	Other injury of extensor muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.397	Other injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.397A	Other injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.397D	Other injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.397S	Other injury of extensor muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.398	Other injury of extensor muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.398A	Other injury of extensor muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.398D	Other injury of extensor muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.398S	Other injury of extensor muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.399	Other injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.399A	Other injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.399D	Other injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.399S	Other injury of extensor muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.4	Injury of intrinsic muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.40	Unspecified injury of intrinsic muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.401	Unspecified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.401A	Unspecified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.401D	Unspecified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.401S	Unspecified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.402	Unspecified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.402A	Unspecified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.402D	Unspecified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.402S	Unspecified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.409	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.409A	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.409D	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.409S	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.41	Strain of intrinsic muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.411	Strain of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.411A	Strain of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.411D	Strain of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.411S	Strain of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.412	Strain of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.412A	Strain of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.412D	Strain of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.412S	Strain of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.419	Strain of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.419A	Strain of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.419D	Strain of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.419S	Strain of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.42	Laceration of intrinsic muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.421	Laceration of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.421A	Laceration of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.421D	Laceration of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.421S	Laceration of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.422	Laceration of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.422A	Laceration of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.422D	Laceration of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.422S	Laceration of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.429	Laceration of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.429A	Laceration of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.429D	Laceration of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.429S	Laceration of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.49	Other specified injury of intrinsic muscle, fascia and tendon of thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.491	Other specified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.491A	Other specified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.491D	Other specified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.491S	Other specified injury of intrinsic muscle, fascia and tendon of right thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.492	Other specified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.492A	Other specified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.492D	Other specified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.492S	Other specified injury of intrinsic muscle, fascia and tendon of left thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.499	Other specified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level	Diagnosis	ICD-10-CM
S66.499A	Other specified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.499D	Other specified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.499S	Other specified injury of intrinsic muscle, fascia and tendon of unspecified thumb at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.5	Injury of intrinsic muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.50	Unspecified injury of intrinsic muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.500	Unspecified injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.500A	Unspecified injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.500D	Unspecified injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.500S	Unspecified injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.501	Unspecified injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.501A	Unspecified injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.501D	Unspecified injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.501S	Unspecified injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.502	Unspecified injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.502A	Unspecified injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.502D	Unspecified injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.502S	Unspecified injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.503	Unspecified injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.503A	Unspecified injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.503D	Unspecified injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.503S	Unspecified injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.504	Unspecified injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.504A	Unspecified injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.504D	Unspecified injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.504S	Unspecified injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.505	Unspecified injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.505A	Unspecified injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.505D	Unspecified injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.505S	Unspecified injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.506	Unspecified injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.506A	Unspecified injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.506D	Unspecified injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.506S	Unspecified injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.507	Unspecified injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.507A	Unspecified injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.507D	Unspecified injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.507S	Unspecified injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.508	Unspecified injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.508A	Unspecified injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.508D	Unspecified injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.508S	Unspecified injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.509	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.509A	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.509D	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.509S	Unspecified injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.51	Strain of intrinsic muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.510	Strain of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.510A	Strain of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.510D	Strain of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.510S	Strain of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.511	Strain of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.511A	Strain of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.511D	Strain of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.511S	Strain of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.512	Strain of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.512A	Strain of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.512D	Strain of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.512S	Strain of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.513	Strain of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.513A	Strain of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.513D	Strain of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.513S	Strain of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.514	Strain of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.514A	Strain of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.514D	Strain of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.514S	Strain of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.515	Strain of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.515A	Strain of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.515D	Strain of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.515S	Strain of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.516	Strain of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.516A	Strain of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.516D	Strain of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.516S	Strain of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.517	Strain of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.517A	Strain of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.517D	Strain of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.517S	Strain of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.518	Strain of intrinsic muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.518A	Strain of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.518D	Strain of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.518S	Strain of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.519	Strain of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.519A	Strain of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.519D	Strain of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.519S	Strain of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.52	Laceration of intrinsic muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.520	Laceration of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.520A	Laceration of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.520D	Laceration of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.520S	Laceration of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.521	Laceration of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.521A	Laceration of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.521D	Laceration of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.521S	Laceration of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.522	Laceration of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.522A	Laceration of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.522D	Laceration of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.522S	Laceration of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.523	Laceration of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.523A	Laceration of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.523D	Laceration of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.523S	Laceration of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.524	Laceration of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.524A	Laceration of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.524D	Laceration of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.524S	Laceration of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.525	Laceration of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.525A	Laceration of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.525D	Laceration of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.525S	Laceration of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.526	Laceration of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.526A	Laceration of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.526D	Laceration of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.526S	Laceration of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.527	Laceration of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.527A	Laceration of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.527D	Laceration of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.527S	Laceration of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.528	Laceration of intrinsic muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.528A	Laceration of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.528D	Laceration of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.528S	Laceration of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.529	Laceration of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.529A	Laceration of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.529D	Laceration of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.529S	Laceration of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.59	Other injury of intrinsic muscle, fascia and tendon of other and unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.590	Other injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.590A	Other injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.590D	Other injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.590S	Other injury of intrinsic muscle, fascia and tendon of right index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.591	Other injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.591A	Other injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.591D	Other injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.591S	Other injury of intrinsic muscle, fascia and tendon of left index finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.592	Other injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.592A	Other injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.592D	Other injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.592S	Other injury of intrinsic muscle, fascia and tendon of right middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.593	Other injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.593A	Other injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.593D	Other injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.593S	Other injury of intrinsic muscle, fascia and tendon of left middle finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.594	Other injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.594A	Other injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.594D	Other injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.594S	Other injury of intrinsic muscle, fascia and tendon of right ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.595	Other injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.595A	Other injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.595D	Other injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.595S	Other injury of intrinsic muscle, fascia and tendon of left ring finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.596	Other injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.596A	Other injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.596D	Other injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.596S	Other injury of intrinsic muscle, fascia and tendon of right little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.597	Other injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.597A	Other injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.597D	Other injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.597S	Other injury of intrinsic muscle, fascia and tendon of left little finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.598	Other injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.598A	Other injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.598D	Other injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.598S	Other injury of intrinsic muscle, fascia and tendon of other finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.599	Other injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level	Diagnosis	ICD-10-CM
S66.599A	Other injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, initial encounter	Diagnosis	ICD-10-CM
S66.599D	Other injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, subsequent encounter	Diagnosis	ICD-10-CM
S66.599S	Other injury of intrinsic muscle, fascia and tendon of unspecified finger at wrist and hand level, sequela	Diagnosis	ICD-10-CM
S66.8	Injury of other specified muscles, fascia and tendons at wrist and hand level	Diagnosis	ICD-10-CM
S66.80	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level	Diagnosis	ICD-10-CM
S66.801	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.801A	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.801D	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.801S	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.802	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.802A	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.802D	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.802S	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.809	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.809A	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.809D	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.809S	Unspecified injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.81	Strain of other specified muscles, fascia and tendons at wrist and hand level	Diagnosis	ICD-10-CM
S66.811	Strain of other specified muscles, fascia and tendons at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.811A	Strain of other specified muscles, fascia and tendons at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.811D	Strain of other specified muscles, fascia and tendons at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.811S	Strain of other specified muscles, fascia and tendons at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.812	Strain of other specified muscles, fascia and tendons at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.812A	Strain of other specified muscles, fascia and tendons at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.812D	Strain of other specified muscles, fascia and tendons at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.812S	Strain of other specified muscles, fascia and tendons at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.819	Strain of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.819A	Strain of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.819D	Strain of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.819S	Strain of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S66.82	Laceration of other specified muscles, fascia and tendons at wrist and hand level	Diagnosis	ICD-10-CM
S66.821	Laceration of other specified muscles, fascia and tendons at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.821A	Laceration of other specified muscles, fascia and tendons at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.821D	Laceration of other specified muscles, fascia and tendons at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.821S	Laceration of other specified muscles, fascia and tendons at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.822	Laceration of other specified muscles, fascia and tendons at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.822A	Laceration of other specified muscles, fascia and tendons at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.822D	Laceration of other specified muscles, fascia and tendons at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.822S	Laceration of other specified muscles, fascia and tendons at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.829	Laceration of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.829A	Laceration of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.829D	Laceration of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.829S	Laceration of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S66.89	Other injury of other specified muscles, fascia and tendons at wrist and hand level	Diagnosis	ICD-10-CM
S66.891	Other injury of other specified muscles, fascia and tendons at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.891A	Other injury of other specified muscles, fascia and tendons at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.891D	Other injury of other specified muscles, fascia and tendons at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.891S	Other injury of other specified muscles, fascia and tendons at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.892	Other injury of other specified muscles, fascia and tendons at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.892A	Other injury of other specified muscles, fascia and tendons at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.892D	Other injury of other specified muscles, fascia and tendons at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.892S	Other injury of other specified muscles, fascia and tendons at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.899	Other injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.899A	Other injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.899D	Other injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.899S	Other injury of other specified muscles, fascia and tendons at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S66.9	Injury of unspecified muscle, fascia and tendon at wrist and hand level	Diagnosis	ICD-10-CM
S66.90	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level	Diagnosis	ICD-10-CM
S66.901	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.901A	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.901D	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.901S	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.902	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S66.902A	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.902D	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.902S	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.909	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.909A	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.909D	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.909S	Unspecified injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S66.91	Strain of unspecified muscle, fascia and tendon at wrist and hand level	Diagnosis	ICD-10-CM
S66.911	Strain of unspecified muscle, fascia and tendon at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.911A	Strain of unspecified muscle, fascia and tendon at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.911D	Strain of unspecified muscle, fascia and tendon at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.911S	Strain of unspecified muscle, fascia and tendon at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.912	Strain of unspecified muscle, fascia and tendon at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.912A	Strain of unspecified muscle, fascia and tendon at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.912D	Strain of unspecified muscle, fascia and tendon at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.912S	Strain of unspecified muscle, fascia and tendon at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.919	Strain of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.919A	Strain of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.919D	Strain of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.919S	Strain of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S66.92	Laceration of unspecified muscle, fascia and tendon at wrist and hand level	Diagnosis	ICD-10-CM
S66.921	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.921A	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.921D	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S66.921S	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.922	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.922A	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.922D	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.922S	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.929	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.929A	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.929D	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.929S	Laceration of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S66.99	Other injury of unspecified muscle, fascia and tendon at wrist and hand level	Diagnosis	ICD-10-CM
S66.991	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand	Diagnosis	ICD-10-CM
S66.991A	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand, initial encounter	Diagnosis	ICD-10-CM
S66.991D	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.991S	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, right hand, sequela	Diagnosis	ICD-10-CM
S66.992	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand	Diagnosis	ICD-10-CM
S66.992A	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand, initial encounter	Diagnosis	ICD-10-CM
S66.992D	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.992S	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, left hand, sequela	Diagnosis	ICD-10-CM
S66.999	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand	Diagnosis	ICD-10-CM
S66.999A	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S66.999D	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S66.999S	Other injury of unspecified muscle, fascia and tendon at wrist and hand level, unspecified hand, sequela	Diagnosis	ICD-10-CM
S67	Crushing injury of wrist, hand and fingers	Diagnosis	ICD-10-CM
S67.0	Crushing injury of thumb	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S67.00	Crushing injury of unspecified thumb	Diagnosis	ICD-10-CM
S67.00XA	Crushing injury of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S67.00XD	Crushing injury of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S67.00XS	Crushing injury of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S67.01	Crushing injury of right thumb	Diagnosis	ICD-10-CM
S67.01XA	Crushing injury of right thumb, initial encounter	Diagnosis	ICD-10-CM
S67.01XD	Crushing injury of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S67.01XS	Crushing injury of right thumb, sequela	Diagnosis	ICD-10-CM
S67.02	Crushing injury of left thumb	Diagnosis	ICD-10-CM
S67.02XA	Crushing injury of left thumb, initial encounter	Diagnosis	ICD-10-CM
S67.02XD	Crushing injury of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S67.02XS	Crushing injury of left thumb, sequela	Diagnosis	ICD-10-CM
S67.1	Crushing injury of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S67.10	Crushing injury of unspecified finger(s)	Diagnosis	ICD-10-CM
S67.10XA	Crushing injury of unspecified finger(s), initial encounter	Diagnosis	ICD-10-CM
S67.10XD	Crushing injury of unspecified finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S67.10XS	Crushing injury of unspecified finger(s), sequela	Diagnosis	ICD-10-CM
S67.19	Crushing injury of other finger(s)	Diagnosis	ICD-10-CM
S67.190	Crushing injury of right index finger	Diagnosis	ICD-10-CM
S67.190A	Crushing injury of right index finger, initial encounter	Diagnosis	ICD-10-CM
S67.190D	Crushing injury of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.190S	Crushing injury of right index finger, sequela	Diagnosis	ICD-10-CM
S67.191	Crushing injury of left index finger	Diagnosis	ICD-10-CM
S67.191A	Crushing injury of left index finger, initial encounter	Diagnosis	ICD-10-CM
S67.191D	Crushing injury of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.191S	Crushing injury of left index finger, sequela	Diagnosis	ICD-10-CM
S67.192	Crushing injury of right middle finger	Diagnosis	ICD-10-CM
S67.192A	Crushing injury of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S67.192D	Crushing injury of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.192S	Crushing injury of right middle finger, sequela	Diagnosis	ICD-10-CM
S67.193	Crushing injury of left middle finger	Diagnosis	ICD-10-CM
S67.193A	Crushing injury of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S67.193D	Crushing injury of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.193S	Crushing injury of left middle finger, sequela	Diagnosis	ICD-10-CM
S67.194	Crushing injury of right ring finger	Diagnosis	ICD-10-CM
S67.194A	Crushing injury of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S67.194D	Crushing injury of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.194S	Crushing injury of right ring finger, sequela	Diagnosis	ICD-10-CM
S67.195	Crushing injury of left ring finger	Diagnosis	ICD-10-CM
S67.195A	Crushing injury of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S67.195D	Crushing injury of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.195S	Crushing injury of left ring finger, sequela	Diagnosis	ICD-10-CM
S67.196	Crushing injury of right little finger	Diagnosis	ICD-10-CM
S67.196A	Crushing injury of right little finger, initial encounter	Diagnosis	ICD-10-CM
S67.196D	Crushing injury of right little finger, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S67.196S	Crushing injury of right little finger, sequela	Diagnosis	ICD-10-CM
S67.197	Crushing injury of left little finger	Diagnosis	ICD-10-CM
S67.197A	Crushing injury of left little finger, initial encounter	Diagnosis	ICD-10-CM
S67.197D	Crushing injury of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.197S	Crushing injury of left little finger, sequela	Diagnosis	ICD-10-CM
S67.198	Crushing injury of other finger	Diagnosis	ICD-10-CM
S67.198A	Crushing injury of other finger, initial encounter	Diagnosis	ICD-10-CM
S67.198D	Crushing injury of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S67.198S	Crushing injury of other finger, sequela	Diagnosis	ICD-10-CM
S67.2	Crushing injury of hand	Diagnosis	ICD-10-CM
S67.20	Crushing injury of unspecified hand	Diagnosis	ICD-10-CM
S67.20XA	Crushing injury of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S67.20XD	Crushing injury of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S67.20XS	Crushing injury of unspecified hand, sequela	Diagnosis	ICD-10-CM
S67.21	Crushing injury of right hand	Diagnosis	ICD-10-CM
S67.21XA	Crushing injury of right hand, initial encounter	Diagnosis	ICD-10-CM
S67.21XD	Crushing injury of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S67.21XS	Crushing injury of right hand, sequela	Diagnosis	ICD-10-CM
S67.22	Crushing injury of left hand	Diagnosis	ICD-10-CM
S67.22XA	Crushing injury of left hand, initial encounter	Diagnosis	ICD-10-CM
S67.22XD	Crushing injury of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S67.22XS	Crushing injury of left hand, sequela	Diagnosis	ICD-10-CM
S67.3	Crushing injury of wrist	Diagnosis	ICD-10-CM
S67.30	Crushing injury of unspecified wrist	Diagnosis	ICD-10-CM
S67.30XA	Crushing injury of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S67.30XD	Crushing injury of unspecified wrist, subsequent encounter	Diagnosis	ICD-10-CM
S67.30XS	Crushing injury of unspecified wrist, sequela	Diagnosis	ICD-10-CM
S67.31	Crushing injury of right wrist	Diagnosis	ICD-10-CM
S67.31XA	Crushing injury of right wrist, initial encounter	Diagnosis	ICD-10-CM
S67.31XD	Crushing injury of right wrist, subsequent encounter	Diagnosis	ICD-10-CM
S67.31XS	Crushing injury of right wrist, sequela	Diagnosis	ICD-10-CM
S67.32	Crushing injury of left wrist	Diagnosis	ICD-10-CM
S67.32XA	Crushing injury of left wrist, initial encounter	Diagnosis	ICD-10-CM
S67.32XD	Crushing injury of left wrist, subsequent encounter	Diagnosis	ICD-10-CM
S67.32XS	Crushing injury of left wrist, sequela	Diagnosis	ICD-10-CM
S67.4	Crushing injury of wrist and hand	Diagnosis	ICD-10-CM
S67.40	Crushing injury of unspecified wrist and hand	Diagnosis	ICD-10-CM
S67.40XA	Crushing injury of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S67.40XD	Crushing injury of unspecified wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S67.40XS	Crushing injury of unspecified wrist and hand, sequela	Diagnosis	ICD-10-CM
S67.41	Crushing injury of right wrist and hand	Diagnosis	ICD-10-CM
S67.41XA	Crushing injury of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S67.41XD	Crushing injury of right wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S67.41XS	Crushing injury of right wrist and hand, sequela	Diagnosis	ICD-10-CM
S67.42	Crushing injury of left wrist and hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S67.42XA	Crushing injury of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S67.42XD	Crushing injury of left wrist and hand, subsequent encounter	Diagnosis	ICD-10-CM
S67.42XS	Crushing injury of left wrist and hand, sequela	Diagnosis	ICD-10-CM
S67.9	Crushing injury of unspecified part(s) of wrist, hand and fingers	Diagnosis	ICD-10-CM
S67.90	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers	Diagnosis	ICD-10-CM
S67.90XA	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers, initial encounter	Diagnosis	ICD-10-CM
S67.90XD	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers, subsequent encounter	Diagnosis	ICD-10-CM
S67.90XS	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers, sequela	Diagnosis	ICD-10-CM
S67.91	Crushing injury of unspecified part(s) of right wrist, hand and fingers	Diagnosis	ICD-10-CM
S67.91XA	Crushing injury of unspecified part(s) of right wrist, hand and fingers, initial encounter	Diagnosis	ICD-10-CM
S67.91XD	Crushing injury of unspecified part(s) of right wrist, hand and fingers, subsequent encounter	Diagnosis	ICD-10-CM
S67.91XS	Crushing injury of unspecified part(s) of right wrist, hand and fingers, sequela	Diagnosis	ICD-10-CM
S67.92	Crushing injury of unspecified part(s) of left wrist, hand and fingers	Diagnosis	ICD-10-CM
S67.92XA	Crushing injury of unspecified part(s) of left wrist, hand and fingers, initial encounter	Diagnosis	ICD-10-CM
S67.92XD	Crushing injury of unspecified part(s) of left wrist, hand and fingers, subsequent encounter	Diagnosis	ICD-10-CM
S67.92XS	Crushing injury of unspecified part(s) of left wrist, hand and fingers, sequela	Diagnosis	ICD-10-CM
S68	Traumatic amputation of wrist, hand and fingers	Diagnosis	ICD-10-CM
S68.0	Traumatic metacarpophalangeal amputation of thumb	Diagnosis	ICD-10-CM
S68.01	Complete traumatic metacarpophalangeal amputation of thumb	Diagnosis	ICD-10-CM
S68.011	Complete traumatic metacarpophalangeal amputation of right thumb	Diagnosis	ICD-10-CM
S68.011A	Complete traumatic metacarpophalangeal amputation of right thumb, initial encounter	Diagnosis	ICD-10-CM
S68.011D	Complete traumatic metacarpophalangeal amputation of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.011S	Complete traumatic metacarpophalangeal amputation of right thumb, sequela	Diagnosis	ICD-10-CM
S68.012	Complete traumatic metacarpophalangeal amputation of left thumb	Diagnosis	ICD-10-CM
S68.012A	Complete traumatic metacarpophalangeal amputation of left thumb, initial encounter	Diagnosis	ICD-10-CM
S68.012D	Complete traumatic metacarpophalangeal amputation of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.012S	Complete traumatic metacarpophalangeal amputation of left thumb, sequela	Diagnosis	ICD-10-CM
S68.019	Complete traumatic metacarpophalangeal amputation of unspecified thumb	Diagnosis	ICD-10-CM
S68.019A	Complete traumatic metacarpophalangeal amputation of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S68.019D	Complete traumatic metacarpophalangeal amputation of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.019S	Complete traumatic metacarpophalangeal amputation of unspecified thumb, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.02	Partial traumatic metacarpophalangeal amputation of thumb	Diagnosis	ICD-10-CM
S68.021	Partial traumatic metacarpophalangeal amputation of right thumb	Diagnosis	ICD-10-CM
S68.021A	Partial traumatic metacarpophalangeal amputation of right thumb, initial encounter	Diagnosis	ICD-10-CM
S68.021D	Partial traumatic metacarpophalangeal amputation of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.021S	Partial traumatic metacarpophalangeal amputation of right thumb, sequela	Diagnosis	ICD-10-CM
S68.022	Partial traumatic metacarpophalangeal amputation of left thumb	Diagnosis	ICD-10-CM
S68.022A	Partial traumatic metacarpophalangeal amputation of left thumb, initial encounter	Diagnosis	ICD-10-CM
S68.022D	Partial traumatic metacarpophalangeal amputation of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.022S	Partial traumatic metacarpophalangeal amputation of left thumb, sequela	Diagnosis	ICD-10-CM
S68.029	Partial traumatic metacarpophalangeal amputation of unspecified thumb	Diagnosis	ICD-10-CM
S68.029A	Partial traumatic metacarpophalangeal amputation of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S68.029D	Partial traumatic metacarpophalangeal amputation of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.029S	Partial traumatic metacarpophalangeal amputation of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S68.1	Traumatic metacarpophalangeal amputation of other and unspecified finger	Diagnosis	ICD-10-CM
S68.11	Complete traumatic metacarpophalangeal amputation of other and unspecified finger	Diagnosis	ICD-10-CM
S68.110	Complete traumatic metacarpophalangeal amputation of right index finger	Diagnosis	ICD-10-CM
S68.110A	Complete traumatic metacarpophalangeal amputation of right index finger, initial encounter	Diagnosis	ICD-10-CM
S68.110D	Complete traumatic metacarpophalangeal amputation of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.110S	Complete traumatic metacarpophalangeal amputation of right index finger, sequela	Diagnosis	ICD-10-CM
S68.111	Complete traumatic metacarpophalangeal amputation of left index finger	Diagnosis	ICD-10-CM
S68.111A	Complete traumatic metacarpophalangeal amputation of left index finger, initial encounter	Diagnosis	ICD-10-CM
S68.111D	Complete traumatic metacarpophalangeal amputation of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.111S	Complete traumatic metacarpophalangeal amputation of left index finger, sequela	Diagnosis	ICD-10-CM
S68.112	Complete traumatic metacarpophalangeal amputation of right middle finger	Diagnosis	ICD-10-CM
S68.112A	Complete traumatic metacarpophalangeal amputation of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.112D	Complete traumatic metacarpophalangeal amputation of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.112S	Complete traumatic metacarpophalangeal amputation of right middle finger, sequela	Diagnosis	ICD-10-CM
S68.113	Complete traumatic metacarpophalangeal amputation of left middle finger	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.113A	Complete traumatic metacarpophalangeal amputation of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.113D	Complete traumatic metacarpophalangeal amputation of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.113S	Complete traumatic metacarpophalangeal amputation of left middle finger, sequela	Diagnosis	ICD-10-CM
S68.114	Complete traumatic metacarpophalangeal amputation of right ring finger	Diagnosis	ICD-10-CM
S68.114A	Complete traumatic metacarpophalangeal amputation of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.114D	Complete traumatic metacarpophalangeal amputation of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.114S	Complete traumatic metacarpophalangeal amputation of right ring finger, sequela	Diagnosis	ICD-10-CM
S68.115	Complete traumatic metacarpophalangeal amputation of left ring finger	Diagnosis	ICD-10-CM
S68.115A	Complete traumatic metacarpophalangeal amputation of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.115D	Complete traumatic metacarpophalangeal amputation of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.115S	Complete traumatic metacarpophalangeal amputation of left ring finger, sequela	Diagnosis	ICD-10-CM
S68.116	Complete traumatic metacarpophalangeal amputation of right little finger	Diagnosis	ICD-10-CM
S68.116A	Complete traumatic metacarpophalangeal amputation of right little finger, initial encounter	Diagnosis	ICD-10-CM
S68.116D	Complete traumatic metacarpophalangeal amputation of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.116S	Complete traumatic metacarpophalangeal amputation of right little finger, sequela	Diagnosis	ICD-10-CM
S68.117	Complete traumatic metacarpophalangeal amputation of left little finger	Diagnosis	ICD-10-CM
S68.117A	Complete traumatic metacarpophalangeal amputation of left little finger, initial encounter	Diagnosis	ICD-10-CM
S68.117D	Complete traumatic metacarpophalangeal amputation of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.117S	Complete traumatic metacarpophalangeal amputation of left little finger, sequela	Diagnosis	ICD-10-CM
S68.118	Complete traumatic metacarpophalangeal amputation of other finger	Diagnosis	ICD-10-CM
S68.118A	Complete traumatic metacarpophalangeal amputation of other finger, initial encounter	Diagnosis	ICD-10-CM
S68.118D	Complete traumatic metacarpophalangeal amputation of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.118S	Complete traumatic metacarpophalangeal amputation of other finger, sequela	Diagnosis	ICD-10-CM
S68.119	Complete traumatic metacarpophalangeal amputation of unspecified finger	Diagnosis	ICD-10-CM
S68.119A	Complete traumatic metacarpophalangeal amputation of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S68.119D	Complete traumatic metacarpophalangeal amputation of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.119S	Complete traumatic metacarpophalangeal amputation of unspecified finger, sequela	Diagnosis	ICD-10-CM
S68.12	Partial traumatic metacarpophalangeal amputation of other and unspecified finger	Diagnosis	ICD-10-CM
S68.120	Partial traumatic metacarpophalangeal amputation of right index finger	Diagnosis	ICD-10-CM
S68.120A	Partial traumatic metacarpophalangeal amputation of right index finger, initial encounter	Diagnosis	ICD-10-CM
S68.120D	Partial traumatic metacarpophalangeal amputation of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.120S	Partial traumatic metacarpophalangeal amputation of right index finger, sequela	Diagnosis	ICD-10-CM
S68.121	Partial traumatic metacarpophalangeal amputation of left index finger	Diagnosis	ICD-10-CM
S68.121A	Partial traumatic metacarpophalangeal amputation of left index finger, initial encounter	Diagnosis	ICD-10-CM
S68.121D	Partial traumatic metacarpophalangeal amputation of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.121S	Partial traumatic metacarpophalangeal amputation of left index finger, sequela	Diagnosis	ICD-10-CM
S68.122	Partial traumatic metacarpophalangeal amputation of right middle finger	Diagnosis	ICD-10-CM
S68.122A	Partial traumatic metacarpophalangeal amputation of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.122D	Partial traumatic metacarpophalangeal amputation of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.122S	Partial traumatic metacarpophalangeal amputation of right middle finger, sequela	Diagnosis	ICD-10-CM
S68.123	Partial traumatic metacarpophalangeal amputation of left middle finger	Diagnosis	ICD-10-CM
S68.123A	Partial traumatic metacarpophalangeal amputation of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.123D	Partial traumatic metacarpophalangeal amputation of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.123S	Partial traumatic metacarpophalangeal amputation of left middle finger, sequela	Diagnosis	ICD-10-CM
S68.124	Partial traumatic metacarpophalangeal amputation of right ring finger	Diagnosis	ICD-10-CM
S68.124A	Partial traumatic metacarpophalangeal amputation of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.124D	Partial traumatic metacarpophalangeal amputation of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.124S	Partial traumatic metacarpophalangeal amputation of right ring finger, sequela	Diagnosis	ICD-10-CM
S68.125	Partial traumatic metacarpophalangeal amputation of left ring finger	Diagnosis	ICD-10-CM
S68.125A	Partial traumatic metacarpophalangeal amputation of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.125D	Partial traumatic metacarpophalangeal amputation of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.125S	Partial traumatic metacarpophalangeal amputation of left ring finger, sequela	Diagnosis	ICD-10-CM
S68.126	Partial traumatic metacarpophalangeal amputation of right little finger	Diagnosis	ICD-10-CM
S68.126A	Partial traumatic metacarpophalangeal amputation of right little finger, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.126D	Partial traumatic metacarpophalangeal amputation of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.126S	Partial traumatic metacarpophalangeal amputation of right little finger, sequela	Diagnosis	ICD-10-CM
S68.127	Partial traumatic metacarpophalangeal amputation of left little finger	Diagnosis	ICD-10-CM
S68.127A	Partial traumatic metacarpophalangeal amputation of left little finger, initial encounter	Diagnosis	ICD-10-CM
S68.127D	Partial traumatic metacarpophalangeal amputation of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.127S	Partial traumatic metacarpophalangeal amputation of left little finger, sequela	Diagnosis	ICD-10-CM
S68.128	Partial traumatic metacarpophalangeal amputation of other finger	Diagnosis	ICD-10-CM
S68.128A	Partial traumatic metacarpophalangeal amputation of other finger, initial encounter	Diagnosis	ICD-10-CM
S68.128D	Partial traumatic metacarpophalangeal amputation of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.128S	Partial traumatic metacarpophalangeal amputation of other finger, sequela	Diagnosis	ICD-10-CM
S68.129	Partial traumatic metacarpophalangeal amputation of unspecified finger	Diagnosis	ICD-10-CM
S68.129A	Partial traumatic metacarpophalangeal amputation of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S68.129D	Partial traumatic metacarpophalangeal amputation of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.129S	Partial traumatic metacarpophalangeal amputation of unspecified finger, sequela	Diagnosis	ICD-10-CM
S68.4	Traumatic amputation of hand at wrist level	Diagnosis	ICD-10-CM
S68.41	Complete traumatic amputation of hand at wrist level	Diagnosis	ICD-10-CM
S68.411	Complete traumatic amputation of right hand at wrist level	Diagnosis	ICD-10-CM
S68.411A	Complete traumatic amputation of right hand at wrist level, initial encounter	Diagnosis	ICD-10-CM
S68.411D	Complete traumatic amputation of right hand at wrist level, subsequent encounter	Diagnosis	ICD-10-CM
S68.411S	Complete traumatic amputation of right hand at wrist level, sequela	Diagnosis	ICD-10-CM
S68.412	Complete traumatic amputation of left hand at wrist level	Diagnosis	ICD-10-CM
S68.412A	Complete traumatic amputation of left hand at wrist level, initial encounter	Diagnosis	ICD-10-CM
S68.412D	Complete traumatic amputation of left hand at wrist level, subsequent encounter	Diagnosis	ICD-10-CM
S68.412S	Complete traumatic amputation of left hand at wrist level, sequela	Diagnosis	ICD-10-CM
S68.419	Complete traumatic amputation of unspecified hand at wrist level	Diagnosis	ICD-10-CM
S68.419A	Complete traumatic amputation of unspecified hand at wrist level, initial encounter	Diagnosis	ICD-10-CM
S68.419D	Complete traumatic amputation of unspecified hand at wrist level, subsequent encounter	Diagnosis	ICD-10-CM
S68.419S	Complete traumatic amputation of unspecified hand at wrist level, sequela	Diagnosis	ICD-10-CM
S68.42	Partial traumatic amputation of hand at wrist level	Diagnosis	ICD-10-CM
S68.421	Partial traumatic amputation of right hand at wrist level	Diagnosis	ICD-10-CM
S68.421A	Partial traumatic amputation of right hand at wrist level, initial encounter	Diagnosis	ICD-10-CM
S68.421D	Partial traumatic amputation of right hand at wrist level, subsequent encounter	Diagnosis	ICD-10-CM
S68.421S	Partial traumatic amputation of right hand at wrist level, sequela	Diagnosis	ICD-10-CM
S68.422	Partial traumatic amputation of left hand at wrist level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.422A	Partial traumatic amputation of left hand at wrist level, initial encounter	Diagnosis	ICD-10-CM
S68.422D	Partial traumatic amputation of left hand at wrist level, subsequent encounter	Diagnosis	ICD-10-CM
S68.422S	Partial traumatic amputation of left hand at wrist level, sequela	Diagnosis	ICD-10-CM
S68.429	Partial traumatic amputation of unspecified hand at wrist level	Diagnosis	ICD-10-CM
S68.429A	Partial traumatic amputation of unspecified hand at wrist level, initial encounter	Diagnosis	ICD-10-CM
S68.429D	Partial traumatic amputation of unspecified hand at wrist level, subsequent encounter	Diagnosis	ICD-10-CM
S68.429S	Partial traumatic amputation of unspecified hand at wrist level, sequela	Diagnosis	ICD-10-CM
S68.5	Traumatic transphalangeal amputation of thumb	Diagnosis	ICD-10-CM
S68.51	Complete traumatic transphalangeal amputation of thumb	Diagnosis	ICD-10-CM
S68.511	Complete traumatic transphalangeal amputation of right thumb	Diagnosis	ICD-10-CM
S68.511A	Complete traumatic transphalangeal amputation of right thumb, initial encounter	Diagnosis	ICD-10-CM
S68.511D	Complete traumatic transphalangeal amputation of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.511S	Complete traumatic transphalangeal amputation of right thumb, sequela	Diagnosis	ICD-10-CM
S68.512	Complete traumatic transphalangeal amputation of left thumb	Diagnosis	ICD-10-CM
S68.512A	Complete traumatic transphalangeal amputation of left thumb, initial encounter	Diagnosis	ICD-10-CM
S68.512D	Complete traumatic transphalangeal amputation of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.512S	Complete traumatic transphalangeal amputation of left thumb, sequela	Diagnosis	ICD-10-CM
S68.519	Complete traumatic transphalangeal amputation of unspecified thumb	Diagnosis	ICD-10-CM
S68.519A	Complete traumatic transphalangeal amputation of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S68.519D	Complete traumatic transphalangeal amputation of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.519S	Complete traumatic transphalangeal amputation of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S68.52	Partial traumatic transphalangeal amputation of thumb	Diagnosis	ICD-10-CM
S68.521	Partial traumatic transphalangeal amputation of right thumb	Diagnosis	ICD-10-CM
S68.521A	Partial traumatic transphalangeal amputation of right thumb, initial encounter	Diagnosis	ICD-10-CM
S68.521D	Partial traumatic transphalangeal amputation of right thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.521S	Partial traumatic transphalangeal amputation of right thumb, sequela	Diagnosis	ICD-10-CM
S68.522	Partial traumatic transphalangeal amputation of left thumb	Diagnosis	ICD-10-CM
S68.522A	Partial traumatic transphalangeal amputation of left thumb, initial encounter	Diagnosis	ICD-10-CM
S68.522D	Partial traumatic transphalangeal amputation of left thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.522S	Partial traumatic transphalangeal amputation of left thumb, sequela	Diagnosis	ICD-10-CM
S68.529	Partial traumatic transphalangeal amputation of unspecified thumb	Diagnosis	ICD-10-CM
S68.529A	Partial traumatic transphalangeal amputation of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S68.529D	Partial traumatic transphalangeal amputation of unspecified thumb, subsequent encounter	Diagnosis	ICD-10-CM
S68.529S	Partial traumatic transphalangeal amputation of unspecified thumb, sequela	Diagnosis	ICD-10-CM
S68.6	Traumatic transphalangeal amputation of other and unspecified finger	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S68.61	Complete traumatic transphalangeal amputation of other and unspecified finger(s)	Diagnosis	ICD-10-CM
S68.610	Complete traumatic transphalangeal amputation of right index finger	Diagnosis	ICD-10-CM
S68.610A	Complete traumatic transphalangeal amputation of right index finger, initial encounter	Diagnosis	ICD-10-CM
S68.610D	Complete traumatic transphalangeal amputation of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.610S	Complete traumatic transphalangeal amputation of right index finger, sequela	Diagnosis	ICD-10-CM
S68.611	Complete traumatic transphalangeal amputation of left index finger	Diagnosis	ICD-10-CM
S68.611A	Complete traumatic transphalangeal amputation of left index finger, initial encounter	Diagnosis	ICD-10-CM
S68.611D	Complete traumatic transphalangeal amputation of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.611S	Complete traumatic transphalangeal amputation of left index finger, sequela	Diagnosis	ICD-10-CM
S68.612	Complete traumatic transphalangeal amputation of right middle finger	Diagnosis	ICD-10-CM
S68.612A	Complete traumatic transphalangeal amputation of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.612D	Complete traumatic transphalangeal amputation of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.612S	Complete traumatic transphalangeal amputation of right middle finger, sequela	Diagnosis	ICD-10-CM
S68.613	Complete traumatic transphalangeal amputation of left middle finger	Diagnosis	ICD-10-CM
S68.613A	Complete traumatic transphalangeal amputation of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.613D	Complete traumatic transphalangeal amputation of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.613S	Complete traumatic transphalangeal amputation of left middle finger, sequela	Diagnosis	ICD-10-CM
S68.614	Complete traumatic transphalangeal amputation of right ring finger	Diagnosis	ICD-10-CM
S68.614A	Complete traumatic transphalangeal amputation of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.614D	Complete traumatic transphalangeal amputation of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.614S	Complete traumatic transphalangeal amputation of right ring finger, sequela	Diagnosis	ICD-10-CM
S68.615	Complete traumatic transphalangeal amputation of left ring finger	Diagnosis	ICD-10-CM
S68.615A	Complete traumatic transphalangeal amputation of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.615D	Complete traumatic transphalangeal amputation of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.615S	Complete traumatic transphalangeal amputation of left ring finger, sequela	Diagnosis	ICD-10-CM
S68.616	Complete traumatic transphalangeal amputation of right little finger	Diagnosis	ICD-10-CM
S68.616A	Complete traumatic transphalangeal amputation of right little finger, initial encounter	Diagnosis	ICD-10-CM
S68.616D	Complete traumatic transphalangeal amputation of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.616S	Complete traumatic transphalangeal amputation of right little finger, sequela	Diagnosis	ICD-10-CM
S68.617	Complete traumatic transphalangeal amputation of left little finger	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S68.617A	Complete traumatic transphalangeal amputation of left little finger, initial encounter	Diagnosis	ICD-10-CM
S68.617D	Complete traumatic transphalangeal amputation of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.617S	Complete traumatic transphalangeal amputation of left little finger, sequela	Diagnosis	ICD-10-CM
S68.618	Complete traumatic transphalangeal amputation of other finger	Diagnosis	ICD-10-CM
S68.618A	Complete traumatic transphalangeal amputation of other finger, initial encounter	Diagnosis	ICD-10-CM
S68.618D	Complete traumatic transphalangeal amputation of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.618S	Complete traumatic transphalangeal amputation of other finger, sequela	Diagnosis	ICD-10-CM
S68.619	Complete traumatic transphalangeal amputation of unspecified finger	Diagnosis	ICD-10-CM
S68.619A	Complete traumatic transphalangeal amputation of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S68.619D	Complete traumatic transphalangeal amputation of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.619S	Complete traumatic transphalangeal amputation of unspecified finger, sequela	Diagnosis	ICD-10-CM
S68.62	Partial traumatic transphalangeal amputation of other and unspecified finger	Diagnosis	ICD-10-CM
S68.620	Partial traumatic transphalangeal amputation of right index finger	Diagnosis	ICD-10-CM
S68.620A	Partial traumatic transphalangeal amputation of right index finger, initial encounter	Diagnosis	ICD-10-CM
S68.620D	Partial traumatic transphalangeal amputation of right index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.620S	Partial traumatic transphalangeal amputation of right index finger, sequela	Diagnosis	ICD-10-CM
S68.621	Partial traumatic transphalangeal amputation of left index finger	Diagnosis	ICD-10-CM
S68.621A	Partial traumatic transphalangeal amputation of left index finger, initial encounter	Diagnosis	ICD-10-CM
S68.621D	Partial traumatic transphalangeal amputation of left index finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.621S	Partial traumatic transphalangeal amputation of left index finger, sequela	Diagnosis	ICD-10-CM
S68.622	Partial traumatic transphalangeal amputation of right middle finger	Diagnosis	ICD-10-CM
S68.622A	Partial traumatic transphalangeal amputation of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.622D	Partial traumatic transphalangeal amputation of right middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.622S	Partial traumatic transphalangeal amputation of right middle finger, sequela	Diagnosis	ICD-10-CM
S68.623	Partial traumatic transphalangeal amputation of left middle finger	Diagnosis	ICD-10-CM
S68.623A	Partial traumatic transphalangeal amputation of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S68.623D	Partial traumatic transphalangeal amputation of left middle finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.623S	Partial traumatic transphalangeal amputation of left middle finger, sequela	Diagnosis	ICD-10-CM
S68.624	Partial traumatic transphalangeal amputation of right ring finger	Diagnosis	ICD-10-CM
S68.624A	Partial traumatic transphalangeal amputation of right ring finger, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.624D	Partial traumatic transphalangeal amputation of right ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.624S	Partial traumatic transphalangeal amputation of right ring finger, sequela	Diagnosis	ICD-10-CM
S68.625	Partial traumatic transphalangeal amputation of left ring finger	Diagnosis	ICD-10-CM
S68.625A	Partial traumatic transphalangeal amputation of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S68.625D	Partial traumatic transphalangeal amputation of left ring finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.625S	Partial traumatic transphalangeal amputation of left ring finger, sequela	Diagnosis	ICD-10-CM
S68.626	Partial traumatic transphalangeal amputation of right little finger	Diagnosis	ICD-10-CM
S68.626A	Partial traumatic transphalangeal amputation of right little finger, initial encounter	Diagnosis	ICD-10-CM
S68.626D	Partial traumatic transphalangeal amputation of right little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.626S	Partial traumatic transphalangeal amputation of right little finger, sequela	Diagnosis	ICD-10-CM
S68.627	Partial traumatic transphalangeal amputation of left little finger	Diagnosis	ICD-10-CM
S68.627A	Partial traumatic transphalangeal amputation of left little finger, initial encounter	Diagnosis	ICD-10-CM
S68.627D	Partial traumatic transphalangeal amputation of left little finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.627S	Partial traumatic transphalangeal amputation of left little finger, sequela	Diagnosis	ICD-10-CM
S68.628	Partial traumatic transphalangeal amputation of other finger	Diagnosis	ICD-10-CM
S68.628A	Partial traumatic transphalangeal amputation of other finger, initial encounter	Diagnosis	ICD-10-CM
S68.628D	Partial traumatic transphalangeal amputation of other finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.628S	Partial traumatic transphalangeal amputation of other finger, sequela	Diagnosis	ICD-10-CM
S68.629	Partial traumatic transphalangeal amputation of unspecified finger	Diagnosis	ICD-10-CM
S68.629A	Partial traumatic transphalangeal amputation of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S68.629D	Partial traumatic transphalangeal amputation of unspecified finger, subsequent encounter	Diagnosis	ICD-10-CM
S68.629S	Partial traumatic transphalangeal amputation of unspecified finger, sequela	Diagnosis	ICD-10-CM
S68.7	Traumatic transmetacarpal amputation of hand	Diagnosis	ICD-10-CM
S68.71	Complete traumatic transmetacarpal amputation of hand	Diagnosis	ICD-10-CM
S68.711	Complete traumatic transmetacarpal amputation of right hand	Diagnosis	ICD-10-CM
S68.711A	Complete traumatic transmetacarpal amputation of right hand, initial encounter	Diagnosis	ICD-10-CM
S68.711D	Complete traumatic transmetacarpal amputation of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S68.711S	Complete traumatic transmetacarpal amputation of right hand, sequela	Diagnosis	ICD-10-CM
S68.712	Complete traumatic transmetacarpal amputation of left hand	Diagnosis	ICD-10-CM
S68.712A	Complete traumatic transmetacarpal amputation of left hand, initial encounter	Diagnosis	ICD-10-CM
S68.712D	Complete traumatic transmetacarpal amputation of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S68.712S	Complete traumatic transmetacarpal amputation of left hand, sequela	Diagnosis	ICD-10-CM
S68.719	Complete traumatic transmetacarpal amputation of unspecified hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S68.719A	Complete traumatic transmetacarpal amputation of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S68.719D	Complete traumatic transmetacarpal amputation of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S68.719S	Complete traumatic transmetacarpal amputation of unspecified hand, sequela	Diagnosis	ICD-10-CM
S68.72	Partial traumatic transmetacarpal amputation of hand	Diagnosis	ICD-10-CM
S68.721	Partial traumatic transmetacarpal amputation of right hand	Diagnosis	ICD-10-CM
S68.721A	Partial traumatic transmetacarpal amputation of right hand, initial encounter	Diagnosis	ICD-10-CM
S68.721D	Partial traumatic transmetacarpal amputation of right hand, subsequent encounter	Diagnosis	ICD-10-CM
S68.721S	Partial traumatic transmetacarpal amputation of right hand, sequela	Diagnosis	ICD-10-CM
S68.722	Partial traumatic transmetacarpal amputation of left hand	Diagnosis	ICD-10-CM
S68.722A	Partial traumatic transmetacarpal amputation of left hand, initial encounter	Diagnosis	ICD-10-CM
S68.722D	Partial traumatic transmetacarpal amputation of left hand, subsequent encounter	Diagnosis	ICD-10-CM
S68.722S	Partial traumatic transmetacarpal amputation of left hand, sequela	Diagnosis	ICD-10-CM
S68.729	Partial traumatic transmetacarpal amputation of unspecified hand	Diagnosis	ICD-10-CM
S68.729A	Partial traumatic transmetacarpal amputation of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S68.729D	Partial traumatic transmetacarpal amputation of unspecified hand, subsequent encounter	Diagnosis	ICD-10-CM
S68.729S	Partial traumatic transmetacarpal amputation of unspecified hand, sequela	Diagnosis	ICD-10-CM
S69	Other and unspecified injuries of wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.8	Other specified injuries of wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.80	Other specified injuries of unspecified wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.80XA	Other specified injuries of unspecified wrist, hand and finger(s), initial encounter	Diagnosis	ICD-10-CM
S69.80XD	Other specified injuries of unspecified wrist, hand and finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S69.80XS	Other specified injuries of unspecified wrist, hand and finger(s), sequela	Diagnosis	ICD-10-CM
S69.81	Other specified injuries of right wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.81XA	Other specified injuries of right wrist, hand and finger(s), initial encounter	Diagnosis	ICD-10-CM
S69.81XD	Other specified injuries of right wrist, hand and finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S69.81XS	Other specified injuries of right wrist, hand and finger(s), sequela	Diagnosis	ICD-10-CM
S69.82	Other specified injuries of left wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.82XA	Other specified injuries of left wrist, hand and finger(s), initial encounter	Diagnosis	ICD-10-CM
S69.82XD	Other specified injuries of left wrist, hand and finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S69.82XS	Other specified injuries of left wrist, hand and finger(s), sequela	Diagnosis	ICD-10-CM
S69.9	Unspecified injury of wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.90	Unspecified injury of unspecified wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.90XA	Unspecified injury of unspecified wrist, hand and finger(s), initial encounter	Diagnosis	ICD-10-CM
S69.90XD	Unspecified injury of unspecified wrist, hand and finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S69.90XS	Unspecified injury of unspecified wrist, hand and finger(s), sequela	Diagnosis	ICD-10-CM
S69.91	Unspecified injury of right wrist, hand and finger(s)	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S69.91XA	Unspecified injury of right wrist, hand and finger(s), initial encounter	Diagnosis	ICD-10-CM
S69.91XD	Unspecified injury of right wrist, hand and finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S69.91XS	Unspecified injury of right wrist, hand and finger(s), sequela	Diagnosis	ICD-10-CM
S69.92	Unspecified injury of left wrist, hand and finger(s)	Diagnosis	ICD-10-CM
S69.92XA	Unspecified injury of left wrist, hand and finger(s), initial encounter	Diagnosis	ICD-10-CM
S69.92XD	Unspecified injury of left wrist, hand and finger(s), subsequent encounter	Diagnosis	ICD-10-CM
S69.92XS	Unspecified injury of left wrist, hand and finger(s), sequela	Diagnosis	ICD-10-CM
S70	Superficial injury of hip and thigh	Diagnosis	ICD-10-CM
S70.0	Contusion of hip	Diagnosis	ICD-10-CM
S70.00	Contusion of unspecified hip	Diagnosis	ICD-10-CM
S70.00XA	Contusion of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.00XD	Contusion of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.00XS	Contusion of unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.01	Contusion of right hip	Diagnosis	ICD-10-CM
S70.01XA	Contusion of right hip, initial encounter	Diagnosis	ICD-10-CM
S70.01XD	Contusion of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.01XS	Contusion of right hip, sequela	Diagnosis	ICD-10-CM
S70.02	Contusion of left hip	Diagnosis	ICD-10-CM
S70.02XA	Contusion of left hip, initial encounter	Diagnosis	ICD-10-CM
S70.02XD	Contusion of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.02XS	Contusion of left hip, sequela	Diagnosis	ICD-10-CM
S70.1	Contusion of thigh	Diagnosis	ICD-10-CM
S70.10	Contusion of unspecified thigh	Diagnosis	ICD-10-CM
S70.10XA	Contusion of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.10XD	Contusion of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.10XS	Contusion of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.11	Contusion of right thigh	Diagnosis	ICD-10-CM
S70.11XA	Contusion of right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.11XD	Contusion of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.11XS	Contusion of right thigh, sequela	Diagnosis	ICD-10-CM
S70.12	Contusion of left thigh	Diagnosis	ICD-10-CM
S70.12XA	Contusion of left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.12XD	Contusion of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.12XS	Contusion of left thigh, sequela	Diagnosis	ICD-10-CM
S70.2	Other superficial injuries of hip	Diagnosis	ICD-10-CM
S70.21	Abrasion of hip	Diagnosis	ICD-10-CM
S70.211	Abrasion, right hip	Diagnosis	ICD-10-CM
S70.211A	Abrasion, right hip, initial encounter	Diagnosis	ICD-10-CM
S70.211D	Abrasion, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.211S	Abrasion, right hip, sequela	Diagnosis	ICD-10-CM
S70.212	Abrasion, left hip	Diagnosis	ICD-10-CM
S70.212A	Abrasion, left hip, initial encounter	Diagnosis	ICD-10-CM
S70.212D	Abrasion, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.212S	Abrasion, left hip, sequela	Diagnosis	ICD-10-CM
S70.219	Abrasion, unspecified hip	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S70.219A	Abrasion, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.219D	Abrasion, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.219S	Abrasion, unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.22	Blister (nonthermal) of hip	Diagnosis	ICD-10-CM
S70.221	Blister (nonthermal), right hip	Diagnosis	ICD-10-CM
S70.221A	Blister (nonthermal), right hip, initial encounter	Diagnosis	ICD-10-CM
S70.221D	Blister (nonthermal), right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.221S	Blister (nonthermal), right hip, sequela	Diagnosis	ICD-10-CM
S70.222	Blister (nonthermal), left hip	Diagnosis	ICD-10-CM
S70.222A	Blister (nonthermal), left hip, initial encounter	Diagnosis	ICD-10-CM
S70.222D	Blister (nonthermal), left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.222S	Blister (nonthermal), left hip, sequela	Diagnosis	ICD-10-CM
S70.229	Blister (nonthermal), unspecified hip	Diagnosis	ICD-10-CM
S70.229A	Blister (nonthermal), unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.229D	Blister (nonthermal), unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.229S	Blister (nonthermal), unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.24	External constriction of hip	Diagnosis	ICD-10-CM
S70.241	External constriction, right hip	Diagnosis	ICD-10-CM
S70.241A	External constriction, right hip, initial encounter	Diagnosis	ICD-10-CM
S70.241D	External constriction, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.241S	External constriction, right hip, sequela	Diagnosis	ICD-10-CM
S70.242	External constriction, left hip	Diagnosis	ICD-10-CM
S70.242A	External constriction, left hip, initial encounter	Diagnosis	ICD-10-CM
S70.242D	External constriction, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.242S	External constriction, left hip, sequela	Diagnosis	ICD-10-CM
S70.249	External constriction, unspecified hip	Diagnosis	ICD-10-CM
S70.249A	External constriction, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.249D	External constriction, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.249S	External constriction, unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.25	Superficial foreign body of hip	Diagnosis	ICD-10-CM
S70.251	Superficial foreign body, right hip	Diagnosis	ICD-10-CM
S70.251A	Superficial foreign body, right hip, initial encounter	Diagnosis	ICD-10-CM
S70.251D	Superficial foreign body, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.251S	Superficial foreign body, right hip, sequela	Diagnosis	ICD-10-CM
S70.252	Superficial foreign body, left hip	Diagnosis	ICD-10-CM
S70.252A	Superficial foreign body, left hip, initial encounter	Diagnosis	ICD-10-CM
S70.252D	Superficial foreign body, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.252S	Superficial foreign body, left hip, sequela	Diagnosis	ICD-10-CM
S70.259	Superficial foreign body, unspecified hip	Diagnosis	ICD-10-CM
S70.259A	Superficial foreign body, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.259D	Superficial foreign body, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.259S	Superficial foreign body, unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.26	Insect bite (nonvenomous) of hip	Diagnosis	ICD-10-CM
S70.261	Insect bite (nonvenomous), right hip	Diagnosis	ICD-10-CM
S70.261A	Insect bite (nonvenomous), right hip, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S70.261D	Insect bite (nonvenomous), right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.261S	Insect bite (nonvenomous), right hip, sequela	Diagnosis	ICD-10-CM
S70.262	Insect bite (nonvenomous), left hip	Diagnosis	ICD-10-CM
S70.262A	Insect bite (nonvenomous), left hip, initial encounter	Diagnosis	ICD-10-CM
S70.262D	Insect bite (nonvenomous), left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.262S	Insect bite (nonvenomous), left hip, sequela	Diagnosis	ICD-10-CM
S70.269	Insect bite (nonvenomous), unspecified hip	Diagnosis	ICD-10-CM
S70.269A	Insect bite (nonvenomous), unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.269D	Insect bite (nonvenomous), unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.269S	Insect bite (nonvenomous), unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.27	Other superficial bite of hip	Diagnosis	ICD-10-CM
S70.271	Other superficial bite of hip, right hip	Diagnosis	ICD-10-CM
S70.271A	Other superficial bite of hip, right hip, initial encounter	Diagnosis	ICD-10-CM
S70.271D	Other superficial bite of hip, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.271S	Other superficial bite of hip, right hip, sequela	Diagnosis	ICD-10-CM
S70.272	Other superficial bite of hip, left hip	Diagnosis	ICD-10-CM
S70.272A	Other superficial bite of hip, left hip, initial encounter	Diagnosis	ICD-10-CM
S70.272D	Other superficial bite of hip, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.272S	Other superficial bite of hip, left hip, sequela	Diagnosis	ICD-10-CM
S70.279	Other superficial bite of hip, unspecified hip	Diagnosis	ICD-10-CM
S70.279A	Other superficial bite of hip, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.279D	Other superficial bite of hip, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.279S	Other superficial bite of hip, unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.3	Other superficial injuries of thigh	Diagnosis	ICD-10-CM
S70.31	Abrasion of thigh	Diagnosis	ICD-10-CM
S70.311	Abrasion, right thigh	Diagnosis	ICD-10-CM
S70.311A	Abrasion, right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.311D	Abrasion, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.311S	Abrasion, right thigh, sequela	Diagnosis	ICD-10-CM
S70.312	Abrasion, left thigh	Diagnosis	ICD-10-CM
S70.312A	Abrasion, left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.312D	Abrasion, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.312S	Abrasion, left thigh, sequela	Diagnosis	ICD-10-CM
S70.319	Abrasion, unspecified thigh	Diagnosis	ICD-10-CM
S70.319A	Abrasion, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.319D	Abrasion, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.319S	Abrasion, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.32	Blister (nonthermal) of thigh	Diagnosis	ICD-10-CM
S70.321	Blister (nonthermal), right thigh	Diagnosis	ICD-10-CM
S70.321A	Blister (nonthermal), right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.321D	Blister (nonthermal), right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.321S	Blister (nonthermal), right thigh, sequela	Diagnosis	ICD-10-CM
S70.322	Blister (nonthermal), left thigh	Diagnosis	ICD-10-CM
S70.322A	Blister (nonthermal), left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.322D	Blister (nonthermal), left thigh, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S70.322S	Blister (nonthermal), left thigh, sequela	Diagnosis	ICD-10-CM
S70.329	Blister (nonthermal), unspecified thigh	Diagnosis	ICD-10-CM
S70.329A	Blister (nonthermal), unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.329D	Blister (nonthermal), unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.329S	Blister (nonthermal), unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.34	External constriction of thigh	Diagnosis	ICD-10-CM
S70.341	External constriction, right thigh	Diagnosis	ICD-10-CM
S70.341A	External constriction, right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.341D	External constriction, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.341S	External constriction, right thigh, sequela	Diagnosis	ICD-10-CM
S70.342	External constriction, left thigh	Diagnosis	ICD-10-CM
S70.342A	External constriction, left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.342D	External constriction, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.342S	External constriction, left thigh, sequela	Diagnosis	ICD-10-CM
S70.349	External constriction, unspecified thigh	Diagnosis	ICD-10-CM
S70.349A	External constriction, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.349D	External constriction, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.349S	External constriction, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.35	Superficial foreign body of thigh	Diagnosis	ICD-10-CM
S70.351	Superficial foreign body, right thigh	Diagnosis	ICD-10-CM
S70.351A	Superficial foreign body, right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.351D	Superficial foreign body, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.351S	Superficial foreign body, right thigh, sequela	Diagnosis	ICD-10-CM
S70.352	Superficial foreign body, left thigh	Diagnosis	ICD-10-CM
S70.352A	Superficial foreign body, left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.352D	Superficial foreign body, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.352S	Superficial foreign body, left thigh, sequela	Diagnosis	ICD-10-CM
S70.359	Superficial foreign body, unspecified thigh	Diagnosis	ICD-10-CM
S70.359A	Superficial foreign body, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.359D	Superficial foreign body, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.359S	Superficial foreign body, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.36	Insect bite (nonvenomous) of thigh	Diagnosis	ICD-10-CM
S70.361	Insect bite (nonvenomous), right thigh	Diagnosis	ICD-10-CM
S70.361A	Insect bite (nonvenomous), right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.361D	Insect bite (nonvenomous), right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.361S	Insect bite (nonvenomous), right thigh, sequela	Diagnosis	ICD-10-CM
S70.362	Insect bite (nonvenomous), left thigh	Diagnosis	ICD-10-CM
S70.362A	Insect bite (nonvenomous), left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.362D	Insect bite (nonvenomous), left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.362S	Insect bite (nonvenomous), left thigh, sequela	Diagnosis	ICD-10-CM
S70.369	Insect bite (nonvenomous), unspecified thigh	Diagnosis	ICD-10-CM
S70.369A	Insect bite (nonvenomous), unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.369D	Insect bite (nonvenomous), unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.369S	Insect bite (nonvenomous), unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.37	Other superficial bite of thigh	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S70.371	Other superficial bite of right thigh	Diagnosis	ICD-10-CM
S70.371A	Other superficial bite of right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.371D	Other superficial bite of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.371S	Other superficial bite of right thigh, sequela	Diagnosis	ICD-10-CM
S70.372	Other superficial bite of left thigh	Diagnosis	ICD-10-CM
S70.372A	Other superficial bite of left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.372D	Other superficial bite of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.372S	Other superficial bite of left thigh, sequela	Diagnosis	ICD-10-CM
S70.379	Other superficial bite of unspecified thigh	Diagnosis	ICD-10-CM
S70.379A	Other superficial bite of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.379D	Other superficial bite of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.379S	Other superficial bite of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S70.9	Unspecified superficial injury of hip and thigh	Diagnosis	ICD-10-CM
S70.91	Unspecified superficial injury of hip	Diagnosis	ICD-10-CM
S70.911	Unspecified superficial injury of right hip	Diagnosis	ICD-10-CM
S70.911A	Unspecified superficial injury of right hip, initial encounter	Diagnosis	ICD-10-CM
S70.911D	Unspecified superficial injury of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.911S	Unspecified superficial injury of right hip, sequela	Diagnosis	ICD-10-CM
S70.912	Unspecified superficial injury of left hip	Diagnosis	ICD-10-CM
S70.912A	Unspecified superficial injury of left hip, initial encounter	Diagnosis	ICD-10-CM
S70.912D	Unspecified superficial injury of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.912S	Unspecified superficial injury of left hip, sequela	Diagnosis	ICD-10-CM
S70.919	Unspecified superficial injury of unspecified hip	Diagnosis	ICD-10-CM
S70.919A	Unspecified superficial injury of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S70.919D	Unspecified superficial injury of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S70.919S	Unspecified superficial injury of unspecified hip, sequela	Diagnosis	ICD-10-CM
S70.92	Unspecified superficial injury of thigh	Diagnosis	ICD-10-CM
S70.921	Unspecified superficial injury of right thigh	Diagnosis	ICD-10-CM
S70.921A	Unspecified superficial injury of right thigh, initial encounter	Diagnosis	ICD-10-CM
S70.921D	Unspecified superficial injury of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.921S	Unspecified superficial injury of right thigh, sequela	Diagnosis	ICD-10-CM
S70.922	Unspecified superficial injury of left thigh	Diagnosis	ICD-10-CM
S70.922A	Unspecified superficial injury of left thigh, initial encounter	Diagnosis	ICD-10-CM
S70.922D	Unspecified superficial injury of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.922S	Unspecified superficial injury of left thigh, sequela	Diagnosis	ICD-10-CM
S70.929	Unspecified superficial injury of unspecified thigh	Diagnosis	ICD-10-CM
S70.929A	Unspecified superficial injury of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S70.929D	Unspecified superficial injury of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S70.929S	Unspecified superficial injury of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S71	Open wound of hip and thigh	Diagnosis	ICD-10-CM
S71.0	Open wound of hip	Diagnosis	ICD-10-CM
S71.00	Unspecified open wound of hip	Diagnosis	ICD-10-CM
S71.001	Unspecified open wound, right hip	Diagnosis	ICD-10-CM
S71.001A	Unspecified open wound, right hip, initial encounter	Diagnosis	ICD-10-CM
S71.001D	Unspecified open wound, right hip, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S71.001S	Unspecified open wound, right hip, sequela	Diagnosis	ICD-10-CM
S71.002	Unspecified open wound, left hip	Diagnosis	ICD-10-CM
S71.002A	Unspecified open wound, left hip, initial encounter	Diagnosis	ICD-10-CM
S71.002D	Unspecified open wound, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.002S	Unspecified open wound, left hip, sequela	Diagnosis	ICD-10-CM
S71.009	Unspecified open wound, unspecified hip	Diagnosis	ICD-10-CM
S71.009A	Unspecified open wound, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S71.009D	Unspecified open wound, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.009S	Unspecified open wound, unspecified hip, sequela	Diagnosis	ICD-10-CM
S71.01	Laceration without foreign body of hip	Diagnosis	ICD-10-CM
S71.011	Laceration without foreign body, right hip	Diagnosis	ICD-10-CM
S71.011A	Laceration without foreign body, right hip, initial encounter	Diagnosis	ICD-10-CM
S71.011D	Laceration without foreign body, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.011S	Laceration without foreign body, right hip, sequela	Diagnosis	ICD-10-CM
S71.012	Laceration without foreign body, left hip	Diagnosis	ICD-10-CM
S71.012A	Laceration without foreign body, left hip, initial encounter	Diagnosis	ICD-10-CM
S71.012D	Laceration without foreign body, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.012S	Laceration without foreign body, left hip, sequela	Diagnosis	ICD-10-CM
S71.019	Laceration without foreign body, unspecified hip	Diagnosis	ICD-10-CM
S71.019A	Laceration without foreign body, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S71.019D	Laceration without foreign body, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.019S	Laceration without foreign body, unspecified hip, sequela	Diagnosis	ICD-10-CM
S71.02	Laceration with foreign body of hip	Diagnosis	ICD-10-CM
S71.021	Laceration with foreign body, right hip	Diagnosis	ICD-10-CM
S71.021A	Laceration with foreign body, right hip, initial encounter	Diagnosis	ICD-10-CM
S71.021D	Laceration with foreign body, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.021S	Laceration with foreign body, right hip, sequela	Diagnosis	ICD-10-CM
S71.022	Laceration with foreign body, left hip	Diagnosis	ICD-10-CM
S71.022A	Laceration with foreign body, left hip, initial encounter	Diagnosis	ICD-10-CM
S71.022D	Laceration with foreign body, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.022S	Laceration with foreign body, left hip, sequela	Diagnosis	ICD-10-CM
S71.029	Laceration with foreign body, unspecified hip	Diagnosis	ICD-10-CM
S71.029A	Laceration with foreign body, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S71.029D	Laceration with foreign body, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.029S	Laceration with foreign body, unspecified hip, sequela	Diagnosis	ICD-10-CM
S71.03	Puncture wound without foreign body of hip	Diagnosis	ICD-10-CM
S71.031	Puncture wound without foreign body, right hip	Diagnosis	ICD-10-CM
S71.031A	Puncture wound without foreign body, right hip, initial encounter	Diagnosis	ICD-10-CM
S71.031D	Puncture wound without foreign body, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.031S	Puncture wound without foreign body, right hip, sequela	Diagnosis	ICD-10-CM
S71.032	Puncture wound without foreign body, left hip	Diagnosis	ICD-10-CM
S71.032A	Puncture wound without foreign body, left hip, initial encounter	Diagnosis	ICD-10-CM
S71.032D	Puncture wound without foreign body, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.032S	Puncture wound without foreign body, left hip, sequela	Diagnosis	ICD-10-CM
S71.039	Puncture wound without foreign body, unspecified hip	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S71.039A	Puncture wound without foreign body, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S71.039D	Puncture wound without foreign body, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.039S	Puncture wound without foreign body, unspecified hip, sequela	Diagnosis	ICD-10-CM
S71.04	Puncture wound with foreign body of hip	Diagnosis	ICD-10-CM
S71.041	Puncture wound with foreign body, right hip	Diagnosis	ICD-10-CM
S71.041A	Puncture wound with foreign body, right hip, initial encounter	Diagnosis	ICD-10-CM
S71.041D	Puncture wound with foreign body, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.041S	Puncture wound with foreign body, right hip, sequela	Diagnosis	ICD-10-CM
S71.042	Puncture wound with foreign body, left hip	Diagnosis	ICD-10-CM
S71.042A	Puncture wound with foreign body, left hip, initial encounter	Diagnosis	ICD-10-CM
S71.042D	Puncture wound with foreign body, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.042S	Puncture wound with foreign body, left hip, sequela	Diagnosis	ICD-10-CM
S71.049	Puncture wound with foreign body, unspecified hip	Diagnosis	ICD-10-CM
S71.049A	Puncture wound with foreign body, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S71.049D	Puncture wound with foreign body, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.049S	Puncture wound with foreign body, unspecified hip, sequela	Diagnosis	ICD-10-CM
S71.05	Open bite of hip	Diagnosis	ICD-10-CM
S71.051	Open bite, right hip	Diagnosis	ICD-10-CM
S71.051A	Open bite, right hip, initial encounter	Diagnosis	ICD-10-CM
S71.051D	Open bite, right hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.051S	Open bite, right hip, sequela	Diagnosis	ICD-10-CM
S71.052	Open bite, left hip	Diagnosis	ICD-10-CM
S71.052A	Open bite, left hip, initial encounter	Diagnosis	ICD-10-CM
S71.052D	Open bite, left hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.052S	Open bite, left hip, sequela	Diagnosis	ICD-10-CM
S71.059	Open bite, unspecified hip	Diagnosis	ICD-10-CM
S71.059A	Open bite, unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S71.059D	Open bite, unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S71.059S	Open bite, unspecified hip, sequela	Diagnosis	ICD-10-CM
S71.1	Open wound of thigh	Diagnosis	ICD-10-CM
S71.10	Unspecified open wound of thigh	Diagnosis	ICD-10-CM
S71.101	Unspecified open wound, right thigh	Diagnosis	ICD-10-CM
S71.101A	Unspecified open wound, right thigh, initial encounter	Diagnosis	ICD-10-CM
S71.101D	Unspecified open wound, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.101S	Unspecified open wound, right thigh, sequela	Diagnosis	ICD-10-CM
S71.102	Unspecified open wound, left thigh	Diagnosis	ICD-10-CM
S71.102A	Unspecified open wound, left thigh, initial encounter	Diagnosis	ICD-10-CM
S71.102D	Unspecified open wound, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.102S	Unspecified open wound, left thigh, sequela	Diagnosis	ICD-10-CM
S71.109	Unspecified open wound, unspecified thigh	Diagnosis	ICD-10-CM
S71.109A	Unspecified open wound, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S71.109D	Unspecified open wound, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.109S	Unspecified open wound, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S71.11	Laceration without foreign body of thigh	Diagnosis	ICD-10-CM
S71.111	Laceration without foreign body, right thigh	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S71.111A	Laceration without foreign body, right thigh, initial encounter	Diagnosis	ICD-10-CM
S71.111D	Laceration without foreign body, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.111S	Laceration without foreign body, right thigh, sequela	Diagnosis	ICD-10-CM
S71.112	Laceration without foreign body, left thigh	Diagnosis	ICD-10-CM
S71.112A	Laceration without foreign body, left thigh, initial encounter	Diagnosis	ICD-10-CM
S71.112D	Laceration without foreign body, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.112S	Laceration without foreign body, left thigh, sequela	Diagnosis	ICD-10-CM
S71.119	Laceration without foreign body, unspecified thigh	Diagnosis	ICD-10-CM
S71.119A	Laceration without foreign body, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S71.119D	Laceration without foreign body, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.119S	Laceration without foreign body, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S71.12	Laceration with foreign body of thigh	Diagnosis	ICD-10-CM
S71.121	Laceration with foreign body, right thigh	Diagnosis	ICD-10-CM
S71.121A	Laceration with foreign body, right thigh, initial encounter	Diagnosis	ICD-10-CM
S71.121D	Laceration with foreign body, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.121S	Laceration with foreign body, right thigh, sequela	Diagnosis	ICD-10-CM
S71.122	Laceration with foreign body, left thigh	Diagnosis	ICD-10-CM
S71.122A	Laceration with foreign body, left thigh, initial encounter	Diagnosis	ICD-10-CM
S71.122D	Laceration with foreign body, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.122S	Laceration with foreign body, left thigh, sequela	Diagnosis	ICD-10-CM
S71.129	Laceration with foreign body, unspecified thigh	Diagnosis	ICD-10-CM
S71.129A	Laceration with foreign body, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S71.129D	Laceration with foreign body, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.129S	Laceration with foreign body, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S71.13	Puncture wound without foreign body of thigh	Diagnosis	ICD-10-CM
S71.131	Puncture wound without foreign body, right thigh	Diagnosis	ICD-10-CM
S71.131A	Puncture wound without foreign body, right thigh, initial encounter	Diagnosis	ICD-10-CM
S71.131D	Puncture wound without foreign body, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.131S	Puncture wound without foreign body, right thigh, sequela	Diagnosis	ICD-10-CM
S71.132	Puncture wound without foreign body, left thigh	Diagnosis	ICD-10-CM
S71.132A	Puncture wound without foreign body, left thigh, initial encounter	Diagnosis	ICD-10-CM
S71.132D	Puncture wound without foreign body, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.132S	Puncture wound without foreign body, left thigh, sequela	Diagnosis	ICD-10-CM
S71.139	Puncture wound without foreign body, unspecified thigh	Diagnosis	ICD-10-CM
S71.139A	Puncture wound without foreign body, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S71.139D	Puncture wound without foreign body, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.139S	Puncture wound without foreign body, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S71.14	Puncture wound with foreign body of thigh	Diagnosis	ICD-10-CM
S71.141	Puncture wound with foreign body, right thigh	Diagnosis	ICD-10-CM
S71.141A	Puncture wound with foreign body, right thigh, initial encounter	Diagnosis	ICD-10-CM
S71.141D	Puncture wound with foreign body, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.141S	Puncture wound with foreign body, right thigh, sequela	Diagnosis	ICD-10-CM
S71.142	Puncture wound with foreign body, left thigh	Diagnosis	ICD-10-CM
S71.142A	Puncture wound with foreign body, left thigh, initial encounter	Diagnosis	ICD-10-CM
S71.142D	Puncture wound with foreign body, left thigh, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S71.142S	Puncture wound with foreign body, left thigh, sequela	Diagnosis	ICD-10-CM
S71.149	Puncture wound with foreign body, unspecified thigh	Diagnosis	ICD-10-CM
S71.149A	Puncture wound with foreign body, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S71.149D	Puncture wound with foreign body, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.149S	Puncture wound with foreign body, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S71.15	Open bite of thigh	Diagnosis	ICD-10-CM
S71.151	Open bite, right thigh	Diagnosis	ICD-10-CM
S71.151A	Open bite, right thigh, initial encounter	Diagnosis	ICD-10-CM
S71.151D	Open bite, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.151S	Open bite, right thigh, sequela	Diagnosis	ICD-10-CM
S71.152	Open bite, left thigh	Diagnosis	ICD-10-CM
S71.152A	Open bite, left thigh, initial encounter	Diagnosis	ICD-10-CM
S71.152D	Open bite, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.152S	Open bite, left thigh, sequela	Diagnosis	ICD-10-CM
S71.159	Open bite, unspecified thigh	Diagnosis	ICD-10-CM
S71.159A	Open bite, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S71.159D	Open bite, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S71.159S	Open bite, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S72	Fracture of femur	Diagnosis	ICD-10-CM
S72.0	Fracture of head and neck of femur	Diagnosis	ICD-10-CM
S72.00	Fracture of unspecified part of neck of femur	Diagnosis	ICD-10-CM
S72.001	Fracture of unspecified part of neck of right femur	Diagnosis	ICD-10-CM
S72.001A	Fracture of unspecified part of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.001B	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.001C	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.001D	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.001E	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.001F	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.001G	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.001H	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.001J	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.001K	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.001M	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.001N	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.001P	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.001Q	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.001R	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.001S	Fracture of unspecified part of neck of right femur, sequela	Diagnosis	ICD-10-CM
S72.002	Fracture of unspecified part of neck of left femur	Diagnosis	ICD-10-CM
S72.002A	Fracture of unspecified part of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.002B	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.002C	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.002D	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.002E	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.002F	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.002G	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.002H	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.002J	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.002K	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.002M	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.002N	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.002P	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.002Q	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.002R	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.002S	Fracture of unspecified part of neck of left femur, sequela	Diagnosis	ICD-10-CM
S72.009	Fracture of unspecified part of neck of unspecified femur	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.009C	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009D	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.009E	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.009F	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.009G	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.009H	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.009J	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.009K	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.009M	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.009N	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.009P	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.009Q	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.009R	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.009S	Fracture of unspecified part of neck of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.01	Unspecified intracapsular fracture of femur	Diagnosis	ICD-10-CM
S72.011	Unspecified intracapsular fracture of right femur	Diagnosis	ICD-10-CM
S72.011A	Unspecified intracapsular fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.011D	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.011E	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.011F	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.011G	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.011H	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.011J	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.011K	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.011M	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.011N	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.011P	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.011Q	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.011R	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.011S	Unspecified intracapsular fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.012	Unspecified intracapsular fracture of left femur	Diagnosis	ICD-10-CM
S72.012A	Unspecified intracapsular fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.012D	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.012E	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.012F	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.012G	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.012H	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.012J	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.012K	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.012M	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.012N	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.012P	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.012Q	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.012R	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.012S	Unspecified intracapsular fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.019	Unspecified intracapsular fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.019D	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.019E	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.019F	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.019G	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.019H	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.019J	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.019K	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.019M	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.019N	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.019P	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.019Q	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.019R	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.019S	Unspecified intracapsular fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.02	Fracture of epiphysis (separation) (upper) of femur	Diagnosis	ICD-10-CM
S72.021	Displaced fracture of epiphysis (separation) (upper) of right femur	Diagnosis	ICD-10-CM
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.021D	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.021E	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.021F	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.021G	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.021H	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.021J	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.021K	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.021M	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.021N	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.021P	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.021Q	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.021R	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.021S	Displaced fracture of epiphysis (separation) (upper) of right femur, sequela	Diagnosis	ICD-10-CM
S72.022	Displaced fracture of epiphysis (separation) (upper) of left femur	Diagnosis	ICD-10-CM
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.022D	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.022E	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.022F	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.022G	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.022H	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.022J	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.022K	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.022M	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.022N	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.022P	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.022Q	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.022R	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.022S	Displaced fracture of epiphysis (separation) (upper) of left femur, sequela	Diagnosis	ICD-10-CM
S72.023	Displaced fracture of epiphysis (separation) (upper) of unspecified femur	Diagnosis	ICD-10-CM
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.023D	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.023E	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.023F	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.023G	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.023H	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.023J	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.023K	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.023M	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.023N	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.023P	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.023Q	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.023R	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.023S	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.024	Nondisplaced fracture of epiphysis (separation) (upper) of right femur	Diagnosis	ICD-10-CM
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.024D	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.024E	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.024F	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.024G	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.024H	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.024J	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.024K	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.024M	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.024N	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.024P	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.024Q	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.024R	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.024S	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, sequela	Diagnosis	ICD-10-CM
S72.025	Nondisplaced fracture of epiphysis (separation) (upper) of left femur	Diagnosis	ICD-10-CM
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.025D	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.025E	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.025F	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.025G	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.025H	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.025J	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.025K	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.025M	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.025N	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.025P	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.025Q	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.025R	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.025S	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, sequela	Diagnosis	ICD-10-CM
S72.026	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur	Diagnosis	ICD-10-CM
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.026D	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.026E	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.026F	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.026G	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.026H	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.026J	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.026K	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.026M	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.026N	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.026P	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.026Q	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.026R	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.026S	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.03	Midcervical fracture of femur	Diagnosis	ICD-10-CM
S72.031	Displaced midcervical fracture of right femur	Diagnosis	ICD-10-CM
S72.031A	Displaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.031D	Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.031E	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.031F	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.031G	Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.031H	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.031J	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.031K	Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.031M	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.031N	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.031P	Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.031Q	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.031R	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.031S	Displaced midcervical fracture of right femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.032	Displaced midcervical fracture of left femur	Diagnosis	ICD-10-CM
S72.032A	Displaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.032D	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.032E	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.032F	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.032G	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.032H	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.032J	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.032K	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.032M	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.032N	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.032P	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.032Q	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.032R	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.032S	Displaced midcervical fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.033	Displaced midcervical fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.033D	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.033E	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.033F	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.033G	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.033H	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.033J	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.033K	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.033M	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.033N	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.033P	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.033Q	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.033R	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.033S	Displaced midcervical fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.034	Nondisplaced midcervical fracture of right femur	Diagnosis	ICD-10-CM
S72.034A	Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.034D	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.034E	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.034F	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.034G	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.034H	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.034J	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.034K	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.034M	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.034N	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.034P	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.034Q	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.034R	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.034S	Nondisplaced midcervical fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.035	Nondisplaced midcervical fracture of left femur	Diagnosis	ICD-10-CM
S72.035A	Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.035D	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.035E	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.035F	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.035G	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.035H	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.035J	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.035K	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.035M	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.035N	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.035P	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.035Q	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.035R	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.035S	Nondisplaced midcervical fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.036	Nondisplaced midcervical fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.036D	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.036E	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.036F	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.036G	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.036H	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.036J	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.036K	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.036M	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.036N	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.036P	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.036Q	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.036R	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.036S	Nondisplaced midcervical fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.04	Fracture of base of neck of femur	Diagnosis	ICD-10-CM
S72.041	Displaced fracture of base of neck of right femur	Diagnosis	ICD-10-CM
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.041D	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.041E	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.041F	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.041G	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.041H	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.041J	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.041K	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.041M	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.041N	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.041P	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.041Q	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.041R	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.041S	Displaced fracture of base of neck of right femur, sequela	Diagnosis	ICD-10-CM
S72.042	Displaced fracture of base of neck of left femur	Diagnosis	ICD-10-CM
S72.042A	Displaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.042D	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.042E	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.042F	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.042G	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.042H	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.042J	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.042K	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.042M	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.042N	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.042P	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.042Q	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.042R	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.042S	Displaced fracture of base of neck of left femur, sequela	Diagnosis	ICD-10-CM
S72.043	Displaced fracture of base of neck of unspecified femur	Diagnosis	ICD-10-CM
S72.043A	Displaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.043D	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.043E	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.043F	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.043G	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.043H	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.043J	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.043K	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.043M	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.043N	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.043P	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.043Q	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.043R	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.043S	Displaced fracture of base of neck of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.044	Nondisplaced fracture of base of neck of right femur	Diagnosis	ICD-10-CM
S72.044A	Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.044D	Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.044E	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.044F	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.044G	Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.044H	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.044J	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.044K	Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.044M	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.044N	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.044P	Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.044Q	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.044R	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.044S	Nondisplaced fracture of base of neck of right femur, sequela	Diagnosis	ICD-10-CM
S72.045	Nondisplaced fracture of base of neck of left femur	Diagnosis	ICD-10-CM
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.045D	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.045E	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.045F	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.045G	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.045H	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.045J	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.045K	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.045M	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.045N	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.045P	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.045Q	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.045R	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.045S	Nondisplaced fracture of base of neck of left femur, sequela	Diagnosis	ICD-10-CM
S72.046	Nondisplaced fracture of base of neck of unspecified femur	Diagnosis	ICD-10-CM
S72.046A	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.046D	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.046E	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.046F	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.046G	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.046H	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.046J	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.046K	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.046M	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.046N	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.046P	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.046Q	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.046R	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.046S	Nondisplaced fracture of base of neck of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.05	Unspecified fracture of head of femur	Diagnosis	ICD-10-CM
S72.051	Unspecified fracture of head of right femur	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.051A	Unspecified fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.051B	Unspecified fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.051C	Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.051D	Unspecified fracture of head of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.051E	Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.051F	Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.051G	Unspecified fracture of head of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.051H	Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.051J	Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.051K	Unspecified fracture of head of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.051M	Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.051N	Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.051P	Unspecified fracture of head of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.051Q	Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.051R	Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.051S	Unspecified fracture of head of right femur, sequela	Diagnosis	ICD-10-CM
S72.052	Unspecified fracture of head of left femur	Diagnosis	ICD-10-CM
S72.052A	Unspecified fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.052B	Unspecified fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.052C	Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.052D	Unspecified fracture of head of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.052E	Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.052F	Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.052G	Unspecified fracture of head of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.052H	Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.052J	Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.052K	Unspecified fracture of head of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.052M	Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.052N	Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.052P	Unspecified fracture of head of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.052Q	Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.052R	Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.052S	Unspecified fracture of head of left femur, sequela	Diagnosis	ICD-10-CM
S72.059	Unspecified fracture of head of unspecified femur	Diagnosis	ICD-10-CM
S72.059A	Unspecified fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.059B	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.059C	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059D	Unspecified fracture of head of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.059E	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.059F	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.059G	Unspecified fracture of head of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.059H	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.059J	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.059K	Unspecified fracture of head of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.059M	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.059N	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.059P	Unspecified fracture of head of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.059Q	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.059R	Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.059S	Unspecified fracture of head of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.06	Articular fracture of head of femur	Diagnosis	ICD-10-CM
S72.061	Displaced articular fracture of head of right femur	Diagnosis	ICD-10-CM
S72.061A	Displaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.061B	Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.061C	Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.061D	Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.061E	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.061F	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.061G	Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.061H	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.061J	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.061K	Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.061M	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.061N	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.061P	Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.061Q	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.061R	Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.061S	Displaced articular fracture of head of right femur, sequela	Diagnosis	ICD-10-CM
S72.062	Displaced articular fracture of head of left femur	Diagnosis	ICD-10-CM
S72.062A	Displaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.062B	Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.062C	Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.062D	Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.062E	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.062F	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.062G	Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.062H	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.062J	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.062K	Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.062M	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.062N	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.062P	Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.062Q	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.062R	Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.062S	Displaced articular fracture of head of left femur, sequela	Diagnosis	ICD-10-CM
S72.063	Displaced articular fracture of head of unspecified femur	Diagnosis	ICD-10-CM
S72.063A	Displaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.063B	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.063D	Displaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.063E	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.063F	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.063G	Displaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.063H	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.063J	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.063K	Displaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.063M	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.063N	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.063P	Displaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.063Q	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.063R	Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.063S	Displaced articular fracture of head of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.064	Nondisplaced articular fracture of head of right femur	Diagnosis	ICD-10-CM
S72.064A	Nondisplaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.064D	Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.064E	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.064F	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.064G	Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.064H	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.064J	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.064K	Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.064M	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.064N	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.064P	Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.064Q	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.064R	Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.064S	Nondisplaced articular fracture of head of right femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.065	Nondisplaced articular fracture of head of left femur	Diagnosis	ICD-10-CM
S72.065A	Nondisplaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.065D	Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.065E	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.065F	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.065G	Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.065H	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.065J	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.065K	Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.065M	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.065N	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.065P	Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.065Q	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.065R	Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.065S	Nondisplaced articular fracture of head of left femur, sequela	Diagnosis	ICD-10-CM
S72.066	Nondisplaced articular fracture of head of unspecified femur	Diagnosis	ICD-10-CM
S72.066A	Nondisplaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.066D	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.066E	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.066F	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.066G	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.066H	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.066J	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.066K	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.066M	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.066N	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.066P	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.066Q	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.066R	Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.066S	Nondisplaced articular fracture of head of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.09	Other fracture of head and neck of femur	Diagnosis	ICD-10-CM
S72.091	Other fracture of head and neck of right femur	Diagnosis	ICD-10-CM
S72.091A	Other fracture of head and neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.091B	Other fracture of head and neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.091C	Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.091D	Other fracture of head and neck of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.091E	Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.091F	Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.091G	Other fracture of head and neck of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.091H	Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.091J	Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.091K	Other fracture of head and neck of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.091M	Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.091N	Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.091P	Other fracture of head and neck of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.091Q	Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.091R	Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.091S	Other fracture of head and neck of right femur, sequela	Diagnosis	ICD-10-CM
S72.092	Other fracture of head and neck of left femur	Diagnosis	ICD-10-CM
S72.092A	Other fracture of head and neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.092D	Other fracture of head and neck of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.092E	Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.092F	Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.092G	Other fracture of head and neck of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.092H	Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.092J	Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.092K	Other fracture of head and neck of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.092M	Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.092N	Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.092P	Other fracture of head and neck of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.092Q	Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.092R	Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.092S	Other fracture of head and neck of left femur, sequela	Diagnosis	ICD-10-CM
S72.099	Other fracture of head and neck of unspecified femur	Diagnosis	ICD-10-CM
S72.099A	Other fracture of head and neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.099D	Other fracture of head and neck of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.099E	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.099F	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.099G	Other fracture of head and neck of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.099H	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.099J	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.099K	Other fracture of head and neck of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.099M	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.099N	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.099P	Other fracture of head and neck of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.099Q	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.099R	Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.099S	Other fracture of head and neck of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.1	Pertrochanteric fracture	Diagnosis	ICD-10-CM
S72.10	Unspecified trochanteric fracture of femur	Diagnosis	ICD-10-CM
S72.101	Unspecified trochanteric fracture of right femur	Diagnosis	ICD-10-CM
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.101D	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.101E	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.101F	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.101G	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.101H	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.101J	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.101K	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.101M	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.101N	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.101P	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.101Q	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.101R	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.101S	Unspecified trochanteric fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.102	Unspecified trochanteric fracture of left femur	Diagnosis	ICD-10-CM
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.102D	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.102E	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.102F	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.102G	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.102H	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.102J	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.102K	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.102M	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.102N	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.102P	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.102Q	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.102R	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.102S	Unspecified trochanteric fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.109	Unspecified trochanteric fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.109D	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.109E	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.109F	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.109G	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.109H	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.109J	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.109K	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.109M	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.109N	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.109P	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.109Q	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.109R	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.109S	Unspecified trochanteric fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.11	Fracture of greater trochanter of femur	Diagnosis	ICD-10-CM
S72.111	Displaced fracture of greater trochanter of right femur	Diagnosis	ICD-10-CM
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.111D	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.111E	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.111F	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.111G	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.111H	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.111J	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.111K	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.111M	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.111N	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.111P	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.111Q	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.111R	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.111S	Displaced fracture of greater trochanter of right femur, sequela	Diagnosis	ICD-10-CM
S72.112	Displaced fracture of greater trochanter of left femur	Diagnosis	ICD-10-CM
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.112D	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.112E	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.112F	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.112G	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.112H	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.112J	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.112K	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.112M	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.112N	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.112P	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.112Q	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.112R	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.112S	Displaced fracture of greater trochanter of left femur, sequela	Diagnosis	ICD-10-CM
S72.113	Displaced fracture of greater trochanter of unspecified femur	Diagnosis	ICD-10-CM
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.113D	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.113E	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.113F	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.113G	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.113H	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.113J	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.113K	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.113M	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.113N	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.113P	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.113Q	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.113R	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.113S	Displaced fracture of greater trochanter of unspecified femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.114	Nondisplaced fracture of greater trochanter of right femur	Diagnosis	ICD-10-CM
S72.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.114D	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.114E	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.114F	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.114G	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.114H	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.114J	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.114K	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.114M	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.114N	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.114P	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.114Q	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.114R	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.114S	Nondisplaced fracture of greater trochanter of right femur, sequela	Diagnosis	ICD-10-CM
S72.115	Nondisplaced fracture of greater trochanter of left femur	Diagnosis	ICD-10-CM
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.115D	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.115E	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.115F	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.115G	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.115H	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.115J	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.115K	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.115M	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.115N	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.115P	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.115Q	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.115R	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.115S	Nondisplaced fracture of greater trochanter of left femur, sequela	Diagnosis	ICD-10-CM
S72.116	Nondisplaced fracture of greater trochanter of unspecified femur	Diagnosis	ICD-10-CM
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.116D	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.116E	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.116F	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.116G	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.116H	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.116J	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.116K	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.116M	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.116N	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.116P	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.116Q	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.116R	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.116S	Nondisplaced fracture of greater trochanter of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.12	Fracture of lesser trochanter of femur	Diagnosis	ICD-10-CM
S72.121	Displaced fracture of lesser trochanter of right femur	Diagnosis	ICD-10-CM
S72.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.121D	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.121E	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.121F	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.121G	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.121H	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.121J	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.121K	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.121M	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.121N	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.121P	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.121Q	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.121R	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.121S	Displaced fracture of lesser trochanter of right femur, sequela	Diagnosis	ICD-10-CM
S72.122	Displaced fracture of lesser trochanter of left femur	Diagnosis	ICD-10-CM
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.122D	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.122E	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.122F	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.122G	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.122H	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.122J	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.122K	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.122M	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.122N	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.122P	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.122Q	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.122R	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.122S	Displaced fracture of lesser trochanter of left femur, sequela	Diagnosis	ICD-10-CM
S72.123	Displaced fracture of lesser trochanter of unspecified femur	Diagnosis	ICD-10-CM
S72.123A	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123D	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.123E	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.123F	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.123G	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.123H	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.123J	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.123K	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.123M	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.123N	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.123P	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.123Q	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.123R	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.123S	Displaced fracture of lesser trochanter of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.124	Nondisplaced fracture of lesser trochanter of right femur	Diagnosis	ICD-10-CM
S72.124A	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.124D	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.124E	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.124F	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.124G	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.124H	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.124J	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.124K	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.124M	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.124N	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.124P	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.124Q	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.124R	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.124S	Nondisplaced fracture of lesser trochanter of right femur, sequela	Diagnosis	ICD-10-CM
S72.125	Nondisplaced fracture of lesser trochanter of left femur	Diagnosis	ICD-10-CM
S72.125A	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.125D	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.125E	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.125F	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.125G	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.125H	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.125J	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.125K	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.125M	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.125N	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.125P	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.125Q	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.125R	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.125S	Nondisplaced fracture of lesser trochanter of left femur, sequela	Diagnosis	ICD-10-CM
S72.126	Nondisplaced fracture of lesser trochanter of unspecified femur	Diagnosis	ICD-10-CM
S72.126A	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.126D	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.126E	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.126F	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.126G	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.126H	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.126J	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.126K	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.126M	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.126N	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.126P	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.126Q	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.126R	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.126S	Nondisplaced fracture of lesser trochanter of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.13	Apophyseal fracture of femur	Diagnosis	ICD-10-CM
S72.131	Displaced apophyseal fracture of right femur	Diagnosis	ICD-10-CM
S72.131A	Displaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.131D	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.131E	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.131F	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.131G	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.131H	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.131J	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.131K	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.131M	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.131N	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.131P	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.131Q	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.131R	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.131S	Displaced apophyseal fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.132	Displaced apophyseal fracture of left femur	Diagnosis	ICD-10-CM
S72.132A	Displaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.132D	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.132E	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.132F	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.132G	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.132H	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.132J	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.132K	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.132M	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.132N	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.132P	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.132Q	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.132R	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.132S	Displaced apophyseal fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.133	Displaced apophyseal fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.133D	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.133E	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.133F	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.133G	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.133H	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.133J	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.133K	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.133M	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.133N	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.133P	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.133Q	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.133R	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.133S	Displaced apophyseal fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.134	Nondisplaced apophyseal fracture of right femur	Diagnosis	ICD-10-CM
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134D	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.134E	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.134F	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.134G	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.134H	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.134J	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.134K	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.134M	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.134N	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.134P	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.134Q	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.134R	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.134S	Nondisplaced apophyseal fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.135	Nondisplaced apophyseal fracture of left femur	Diagnosis	ICD-10-CM
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.135D	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.135E	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.135F	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.135G	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.135H	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.135J	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.135K	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.135M	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.135N	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.135P	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.135Q	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.135R	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.135S	Nondisplaced apophyseal fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.136	Nondisplaced apophyseal fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.136D	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.136E	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.136F	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.136G	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.136H	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.136J	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.136K	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.136M	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.136N	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.136P	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.136Q	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.136R	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.136S	Nondisplaced apophyseal fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.14	Intertrochanteric fracture of femur	Diagnosis	ICD-10-CM
S72.141	Displaced intertrochanteric fracture of right femur	Diagnosis	ICD-10-CM
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.141D	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.141E	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.141F	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.141G	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.141H	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.141J	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.141K	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.141M	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.141N	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.141P	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.141Q	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.141R	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.141S	Displaced intertrochanteric fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.142	Displaced intertrochanteric fracture of left femur	Diagnosis	ICD-10-CM
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.142D	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.142E	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.142F	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.142G	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.142H	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.142J	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.142K	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.142M	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.142N	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.142P	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.142Q	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.142R	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.142S	Displaced intertrochanteric fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.143	Displaced intertrochanteric fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.143D	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.143E	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.143F	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.143G	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.143H	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.143J	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.143K	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.143M	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.143N	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.143P	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.143Q	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.143R	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.143S	Displaced intertrochanteric fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.144	Nondisplaced intertrochanteric fracture of right femur	Diagnosis	ICD-10-CM
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.144D	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.144E	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.144F	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.144G	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.144H	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.144J	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.144K	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.144M	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.144N	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.144P	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.144Q	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.144R	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.144S	Nondisplaced intertrochanteric fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.145	Nondisplaced intertrochanteric fracture of left femur	Diagnosis	ICD-10-CM
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145D	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.145E	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.145F	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.145G	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.145H	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.145J	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.145K	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.145M	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.145N	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.145P	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.145Q	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.145R	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.145S	Nondisplaced intertrochanteric fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.146	Nondisplaced intertrochanteric fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.146D	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.146E	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.146F	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.146G	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.146H	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.146J	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.146K	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.146M	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.146N	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.146P	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.146Q	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.146R	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.146S	Nondisplaced intertrochanteric fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.2	Subtrochanteric fracture of femur	Diagnosis	ICD-10-CM
S72.21	Displaced subtrochanteric fracture of right femur	Diagnosis	ICD-10-CM
S72.21XA	Displaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.21XD	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.21XE	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.21XF	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.21XG	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.21XH	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.21XJ	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.21XK	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.21XM	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.21XN	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.21XP	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.21XQ	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.21XR	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.21XS	Displaced subtrochanteric fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.22	Displaced subtrochanteric fracture of left femur	Diagnosis	ICD-10-CM
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.22XD	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.22XE	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.22XF	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.22XG	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.22XH	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.22XJ	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.22XK	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.22XM	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.22XN	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.22XP	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.22XQ	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.22XR	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.22XS	Displaced subtrochanteric fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.23	Displaced subtrochanteric fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XD	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.23XE	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.23XF	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.23XG	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.23XH	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.23XJ	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.23XK	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.23XM	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.23XN	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.23XP	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.23XQ	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.23XR	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.23XS	Displaced subtrochanteric fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.24	Nondisplaced subtrochanteric fracture of right femur	Diagnosis	ICD-10-CM
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.24XD	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.24XE	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.24XF	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.24XG	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.24XH	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.24XJ	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.24XK	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.24XM	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.24XN	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.24XP	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.24XQ	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.24XR	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.24XS	Nondisplaced subtrochanteric fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.25	Nondisplaced subtrochanteric fracture of left femur	Diagnosis	ICD-10-CM
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.25XD	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.25XE	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.25XF	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.25XG	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.25XH	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.25XJ	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.25XK	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.25XM	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.25XN	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.25XP	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.25XQ	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.25XR	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.25XS	Nondisplaced subtrochanteric fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.26	Nondisplaced subtrochanteric fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.26XA	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.26XD	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.26XE	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.26XF	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.26XG	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.26XH	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.26XJ	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.26XK	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.26XM	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.26XN	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.26XP	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.26XQ	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.26XR	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.26XS	Nondisplaced subtrochanteric fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.3	Fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.30	Unspecified fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.301	Unspecified fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.301A	Unspecified fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.301B	Unspecified fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.301C	Unspecified fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.301D	Unspecified fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.301E	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.301F	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.301G	Unspecified fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.301H	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.301J	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.301K	Unspecified fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.301M	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.301N	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.301P	Unspecified fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.301Q	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.301R	Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.301S	Unspecified fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.302	Unspecified fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.302A	Unspecified fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.302B	Unspecified fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.302C	Unspecified fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.302D	Unspecified fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.302E	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.302F	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.302G	Unspecified fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.302H	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.302J	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.302K	Unspecified fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.302M	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.302N	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.302P	Unspecified fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.302Q	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.302R	Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.302S	Unspecified fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.309	Unspecified fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.309B	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.309C	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.309D	Unspecified fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.309E	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.309F	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.309G	Unspecified fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.309H	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.309J	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.309K	Unspecified fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.309M	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.309N	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.309P	Unspecified fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.309Q	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.309R	Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.309S	Unspecified fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.32	Transverse fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.321	Displaced transverse fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.321A	Displaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.321B	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.321C	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.321D	Displaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.321E	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.321F	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.321G	Displaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.321H	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.321J	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.321K	Displaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.321M	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.321N	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.321P	Displaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.321Q	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.321R	Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.321S	Displaced transverse fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.322	Displaced transverse fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.322B	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.322C	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.322D	Displaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.322E	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.322F	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.322G	Displaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.322H	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.322J	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.322K	Displaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.322M	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.322N	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.322P	Displaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.322Q	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.322R	Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.322S	Displaced transverse fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.323	Displaced transverse fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.323A	Displaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.323B	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.323C	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.323D	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.323E	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.323F	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.323G	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.323H	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.323J	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.323K	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.323M	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.323N	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.323P	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.323Q	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.323R	Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.323S	Displaced transverse fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.324	Nondisplaced transverse fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.324A	Nondisplaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.324B	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.324C	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.324D	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.324E	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.324F	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.324G	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.324H	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.324J	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.324K	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.324M	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.324N	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.324P	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.324Q	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.324R	Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.324S	Nondisplaced transverse fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.325	Nondisplaced transverse fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.325A	Nondisplaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.325B	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.325C	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.325D	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.325E	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.325F	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.325G	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.325H	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.325J	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.325K	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.325M	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.325N	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.325P	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.325Q	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.325R	Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.325S	Nondisplaced transverse fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.326	Nondisplaced transverse fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.326A	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.326B	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.326C	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.326D	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.326E	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.326F	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.326G	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.326H	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.326J	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.326K	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.326M	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.326N	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.326P	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.326Q	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.326R	Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.326S	Nondisplaced transverse fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.33	Oblique fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.331	Displaced oblique fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.331A	Displaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.331B	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.331C	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.331D	Displaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.331E	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.331F	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.331G	Displaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.331H	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.331J	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.331K	Displaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.331M	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.331N	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.331P	Displaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.331Q	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.331R	Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.331S	Displaced oblique fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.332	Displaced oblique fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.332A	Displaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.332B	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.332C	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.332D	Displaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.332E	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.332F	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.332G	Displaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.332H	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.332J	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.332K	Displaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.332M	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.332N	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.332P	Displaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.332Q	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.332R	Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.332S	Displaced oblique fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.333	Displaced oblique fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.333A	Displaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.333B	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.333C	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.333D	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.333E	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.333F	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.333G	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.333H	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.333J	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.333K	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.333M	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.333N	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.333P	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.333Q	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.333R	Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.333S	Displaced oblique fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.334	Nondisplaced oblique fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.334A	Nondisplaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.334B	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.334C	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.334D	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.334E	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.334F	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.334G	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.334H	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.334J	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.334K	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.334M	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.334N	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.334P	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.334Q	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.334R	Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.334S	Nondisplaced oblique fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.335	Nondisplaced oblique fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.335B	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.335C	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.335D	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.335E	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.335F	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.335G	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.335H	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.335J	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.335K	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.335M	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.335N	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.335P	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.335Q	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.335R	Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.335S	Nondisplaced oblique fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.336	Nondisplaced oblique fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.336A	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.336B	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.336C	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.336D	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.336E	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.336F	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.336G	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.336H	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.336J	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.336K	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.336M	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.336N	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.336P	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.336Q	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.336R	Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.336S	Nondisplaced oblique fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.34	Spiral fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.341	Displaced spiral fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.341A	Displaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.341B	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.341C	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.341D	Displaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.341E	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.341F	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.341G	Displaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.341H	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.341J	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.341K	Displaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.341M	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.341N	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.341P	Displaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.341Q	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.341R	Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.341S	Displaced spiral fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.342	Displaced spiral fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.342A	Displaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.342B	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.342C	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.342D	Displaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.342E	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.342F	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.342G	Displaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.342H	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.342J	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.342K	Displaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.342M	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.342N	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.342P	Displaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.342Q	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.342R	Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.342S	Displaced spiral fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.343	Displaced spiral fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.343A	Displaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.343B	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.343D	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.343E	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.343F	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.343G	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.343H	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.343J	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.343K	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.343M	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.343N	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.343P	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.343Q	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.343R	Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.343S	Displaced spiral fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.344	Nondisplaced spiral fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.344A	Nondisplaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.344B	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.344C	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.344D	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.344E	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.344F	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.344G	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.344H	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.344J	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.344K	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.344M	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.344N	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.344P	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.344Q	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.344R	Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.344S	Nondisplaced spiral fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.345	Nondisplaced spiral fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.345A	Nondisplaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.345B	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.345C	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.345D	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.345E	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.345F	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.345G	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.345H	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.345J	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.345K	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.345M	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.345N	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.345P	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.345Q	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.345R	Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.345S	Nondisplaced spiral fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.346	Nondisplaced spiral fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.346A	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.346B	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.346C	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.346D	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.346E	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.346F	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.346G	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.346H	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.346J	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.346K	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.346M	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.346N	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.346P	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.346Q	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.346R	Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.346S	Nondisplaced spiral fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.35	Comminuted fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.351	Displaced comminuted fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.351A	Displaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.351B	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.351C	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.351D	Displaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.351E	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.351F	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.351G	Displaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.351H	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.351J	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.351K	Displaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.351M	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.351N	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.351P	Displaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.351Q	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.351R	Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.351S	Displaced comminuted fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.352	Displaced comminuted fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.352A	Displaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.352B	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.352C	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.352D	Displaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.352E	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.352F	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.352G	Displaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.352H	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.352J	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.352K	Displaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.352M	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.352N	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.352P	Displaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.352Q	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.352R	Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.352S	Displaced comminuted fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.353	Displaced comminuted fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.353A	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.353B	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.353C	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.353D	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.353E	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.353F	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.353G	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.353H	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.353J	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.353K	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.353M	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.353N	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.353P	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.353Q	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.353R	Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.353S	Displaced comminuted fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.354	Nondisplaced comminuted fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.354B	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.354C	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.354D	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.354E	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.354F	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.354G	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.354H	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.354J	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.354K	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.354M	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.354N	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.354P	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.354Q	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.354R	Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.354S	Nondisplaced comminuted fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.355	Nondisplaced comminuted fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.355A	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.355B	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.355C	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.355D	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.355E	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.355F	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.355G	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.355H	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.355J	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.355K	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.355M	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.355N	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.355P	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.355Q	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.355R	Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.355S	Nondisplaced comminuted fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.356	Nondisplaced comminuted fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.356A	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.356B	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.356C	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.356D	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.356E	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.356F	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.356G	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.356H	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.356J	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.356K	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.356M	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.356N	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.356P	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.356Q	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.356R	Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.356S	Nondisplaced comminuted fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.36	Segmental fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.361	Displaced segmental fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.361A	Displaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.361B	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.361C	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.361D	Displaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.361E	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.361F	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.361G	Displaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.361H	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.361J	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.361K	Displaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.361M	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.361N	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.361P	Displaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.361Q	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.361R	Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.361S	Displaced segmental fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.362	Displaced segmental fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.362A	Displaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.362B	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.362C	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.362D	Displaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.362E	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.362F	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.362G	Displaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.362H	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.362J	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.362K	Displaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.362M	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.362N	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.362P	Displaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.362Q	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.362R	Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.362S	Displaced segmental fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.363	Displaced segmental fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.363A	Displaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.363B	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.363C	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.363D	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.363E	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.363F	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.363G	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.363H	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.363J	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.363K	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.363M	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.363N	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.363P	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.363Q	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.363R	Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.363S	Displaced segmental fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.364	Nondisplaced segmental fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.364A	Nondisplaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.364B	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.364D	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.364E	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.364F	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.364G	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.364H	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.364J	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.364K	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.364M	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.364N	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.364P	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.364Q	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.364R	Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.364S	Nondisplaced segmental fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.365	Nondisplaced segmental fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.365A	Nondisplaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.365B	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.365C	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.365D	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.365E	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.365F	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.365G	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.365H	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.365J	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.365K	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.365M	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.365N	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.365P	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.365Q	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.365R	Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.365S	Nondisplaced segmental fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.366	Nondisplaced segmental fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.366A	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.366B	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.366C	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.366D	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.366E	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.366F	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.366G	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.366H	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.366J	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.366K	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.366M	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.366N	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.366P	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.366Q	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.366R	Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.366S	Nondisplaced segmental fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.39	Other fracture of shaft of femur	Diagnosis	ICD-10-CM
S72.391	Other fracture of shaft of right femur	Diagnosis	ICD-10-CM
S72.391A	Other fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.391B	Other fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.391C	Other fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.391D	Other fracture of shaft of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.391E	Other fracture of shaft of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.391F	Other fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.391G	Other fracture of shaft of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.391H	Other fracture of shaft of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.391J	Other fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.391K	Other fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.391M	Other fracture of shaft of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.391N	Other fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.391P	Other fracture of shaft of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.391Q	Other fracture of shaft of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.391R	Other fracture of shaft of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.391S	Other fracture of shaft of right femur, sequela	Diagnosis	ICD-10-CM
S72.392	Other fracture of shaft of left femur	Diagnosis	ICD-10-CM
S72.392A	Other fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.392B	Other fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.392C	Other fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.392D	Other fracture of shaft of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.392E	Other fracture of shaft of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.392F	Other fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.392G	Other fracture of shaft of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.392H	Other fracture of shaft of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.392J	Other fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.392K	Other fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.392M	Other fracture of shaft of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.392N	Other fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.392P	Other fracture of shaft of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.392Q	Other fracture of shaft of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.392R	Other fracture of shaft of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.392S	Other fracture of shaft of left femur, sequela	Diagnosis	ICD-10-CM
S72.399	Other fracture of shaft of unspecified femur	Diagnosis	ICD-10-CM
S72.399A	Other fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.399B	Other fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.399C	Other fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.399D	Other fracture of shaft of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.399E	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.399F	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.399G	Other fracture of shaft of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.399H	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.399J	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.399K	Other fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.399M	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.399N	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.399P	Other fracture of shaft of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.399Q	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.399R	Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.399S	Other fracture of shaft of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.4	Fracture of lower end of femur	Diagnosis	ICD-10-CM
S72.40	Unspecified fracture of lower end of femur	Diagnosis	ICD-10-CM
S72.401	Unspecified fracture of lower end of right femur	Diagnosis	ICD-10-CM
S72.401A	Unspecified fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.401B	Unspecified fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.401C	Unspecified fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.401D	Unspecified fracture of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.401E	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.401F	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.401G	Unspecified fracture of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.401H	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.401J	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.401K	Unspecified fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.401M	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.401N	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.401P	Unspecified fracture of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.401Q	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.401R	Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.401S	Unspecified fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.402	Unspecified fracture of lower end of left femur	Diagnosis	ICD-10-CM
S72.402A	Unspecified fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.402B	Unspecified fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.402C	Unspecified fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.402D	Unspecified fracture of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.402E	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.402F	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.402G	Unspecified fracture of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.402H	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.402J	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.402K	Unspecified fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.402M	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.402N	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.402P	Unspecified fracture of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.402Q	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.402R	Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.402S	Unspecified fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.409	Unspecified fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.409A	Unspecified fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.409B	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.409C	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.409D	Unspecified fracture of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.409E	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.409F	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.409G	Unspecified fracture of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.409H	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.409J	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.409K	Unspecified fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.409M	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.409N	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.409P	Unspecified fracture of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.409Q	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.409R	Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.409S	Unspecified fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.41	Unspecified condyle fracture of lower end of femur	Diagnosis	ICD-10-CM
S72.411	Displaced unspecified condyle fracture of lower end of right femur	Diagnosis	ICD-10-CM
S72.411A	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.411B	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.411C	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.411D	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.411E	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.411F	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.411G	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.411H	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.411J	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.411K	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.411M	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.411N	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.411P	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.411Q	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.411R	Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.411S	Displaced unspecified condyle fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.412	Displaced unspecified condyle fracture of lower end of left femur	Diagnosis	ICD-10-CM
S72.412A	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.412B	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.412C	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.412D	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.412E	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.412F	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.412G	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.412H	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.412J	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.412K	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.412M	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.412N	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.412P	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.412Q	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.412R	Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.412S	Displaced unspecified condyle fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.413	Displaced unspecified condyle fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.413A	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.413B	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.413C	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.413D	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.413E	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.413F	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.413G	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.413H	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.413J	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.413K	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.413M	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.413N	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.413P	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.413Q	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.413R	Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.413S	Displaced unspecified condyle fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.414	Nondisplaced unspecified condyle fracture of lower end of right femur	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.414A	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.414B	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.414C	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.414D	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.414E	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.414F	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.414G	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.414H	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.414J	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.414K	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.414M	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.414N	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.414P	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.414Q	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.414R	Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.414S	Nondisplaced unspecified condyle fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.415	Nondisplaced unspecified condyle fracture of lower end of left femur	Diagnosis	ICD-10-CM
S72.415A	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.415B	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.415C	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.415D	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.415E	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.415F	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.415G	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.415H	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.415J	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.415K	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.415M	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.415N	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.415P	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.415Q	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.415R	Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.415S	Nondisplaced unspecified condyle fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.416	Nondisplaced unspecified condyle fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.416A	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.416B	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.416C	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.416D	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.416E	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.416F	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.416G	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.416H	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.416J	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.416K	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.416M	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.416N	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.416P	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.416Q	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.416R	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.416S	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.42	Fracture of lateral condyle of femur	Diagnosis	ICD-10-CM
S72.421	Displaced fracture of lateral condyle of right femur	Diagnosis	ICD-10-CM
S72.421A	Displaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.421B	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.421C	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.421D	Displaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.421E	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.421F	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.421G	Displaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.421H	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.421J	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.421K	Displaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.421M	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.421N	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.421P	Displaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.421Q	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.421R	Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.421S	Displaced fracture of lateral condyle of right femur, sequela	Diagnosis	ICD-10-CM
S72.422	Displaced fracture of lateral condyle of left femur	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.422B	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.422C	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422D	Displaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.422E	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.422F	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.422G	Displaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.422H	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.422J	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.422K	Displaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.422M	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.422N	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.422P	Displaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.422Q	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.422R	Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.422S	Displaced fracture of lateral condyle of left femur, sequela	Diagnosis	ICD-10-CM
S72.423	Displaced fracture of lateral condyle of unspecified femur	Diagnosis	ICD-10-CM
S72.423A	Displaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.423B	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.423C	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.423D	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.423E	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.423F	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.423G	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.423H	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.423J	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.423K	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.423M	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.423N	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.423P	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.423Q	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.423R	Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.423S	Displaced fracture of lateral condyle of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.424	Nondisplaced fracture of lateral condyle of right femur	Diagnosis	ICD-10-CM
S72.424A	Nondisplaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.424B	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.424C	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.424D	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.424E	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.424F	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.424G	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.424H	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.424J	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.424K	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.424M	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.424N	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.424P	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.424Q	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.424R	Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.424S	Nondisplaced fracture of lateral condyle of right femur, sequela	Diagnosis	ICD-10-CM
S72.425	Nondisplaced fracture of lateral condyle of left femur	Diagnosis	ICD-10-CM
S72.425A	Nondisplaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.425B	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.425C	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.425D	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.425E	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.425F	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.425G	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.425H	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.425J	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.425K	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.425M	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.425N	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.425P	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.425Q	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.425R	Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.425S	Nondisplaced fracture of lateral condyle of left femur, sequela	Diagnosis	ICD-10-CM
S72.426	Nondisplaced fracture of lateral condyle of unspecified femur	Diagnosis	ICD-10-CM
S72.426A	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.426B	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.426C	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.426D	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.426E	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.426F	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.426G	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.426H	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.426J	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.426K	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.426M	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.426N	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.426P	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.426Q	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.426R	Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.426S	Nondisplaced fracture of lateral condyle of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.43	Fracture of medial condyle of femur	Diagnosis	ICD-10-CM
S72.431	Displaced fracture of medial condyle of right femur	Diagnosis	ICD-10-CM
S72.431A	Displaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.431B	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.431C	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.431D	Displaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.431E	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.431F	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.431G	Displaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.431H	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.431J	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.431K	Displaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.431M	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.431N	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.431P	Displaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.431Q	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.431R	Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.431S	Displaced fracture of medial condyle of right femur, sequela	Diagnosis	ICD-10-CM
S72.432	Displaced fracture of medial condyle of left femur	Diagnosis	ICD-10-CM
S72.432A	Displaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.432B	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.432C	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.432D	Displaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.432E	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.432F	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.432G	Displaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.432H	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.432J	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.432K	Displaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.432M	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.432N	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.432P	Displaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.432Q	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.432R	Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.432S	Displaced fracture of medial condyle of left femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.433	Displaced fracture of medial condyle of unspecified femur	Diagnosis	ICD-10-CM
S72.433A	Displaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.433B	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.433C	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.433D	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.433E	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.433F	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.433G	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.433H	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.433J	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.433K	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.433M	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.433N	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.433P	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.433Q	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.433R	Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.433S	Displaced fracture of medial condyle of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.434	Nondisplaced fracture of medial condyle of right femur	Diagnosis	ICD-10-CM
S72.434A	Nondisplaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.434B	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.434C	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.434D	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.434E	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.434F	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.434G	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.434H	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.434J	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.434K	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.434M	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.434N	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.434P	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.434Q	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.434R	Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.434S	Nondisplaced fracture of medial condyle of right femur, sequela	Diagnosis	ICD-10-CM
S72.435	Nondisplaced fracture of medial condyle of left femur	Diagnosis	ICD-10-CM
S72.435A	Nondisplaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.435B	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.435C	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.435D	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.435E	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.435F	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.435G	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.435H	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.435J	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.435K	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.435M	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.435N	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.435P	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.435Q	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.435R	Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.435S	Nondisplaced fracture of medial condyle of left femur, sequela	Diagnosis	ICD-10-CM
S72.436	Nondisplaced fracture of medial condyle of unspecified femur	Diagnosis	ICD-10-CM
S72.436A	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.436B	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.436C	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.436D	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.436E	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.436F	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.436G	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.436H	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.436J	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.436K	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.436M	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.436N	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.436P	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.436Q	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.436R	Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.436S	Nondisplaced fracture of medial condyle of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.44	Fracture of lower epiphysis (separation) of femur	Diagnosis	ICD-10-CM
S72.441	Displaced fracture of lower epiphysis (separation) of right femur	Diagnosis	ICD-10-CM
S72.441A	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.441B	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.441C	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.441D	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.441E	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.441F	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.441G	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.441H	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.441J	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.441K	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.441M	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.441N	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.441P	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.441Q	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.441R	Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.441S	Displaced fracture of lower epiphysis (separation) of right femur, sequela	Diagnosis	ICD-10-CM
S72.442	Displaced fracture of lower epiphysis (separation) of left femur	Diagnosis	ICD-10-CM
S72.442A	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.442B	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.442C	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.442D	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.442E	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.442F	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.442G	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.442H	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.442J	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.442K	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.442M	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.442N	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.442P	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.442Q	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.442R	Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.442S	Displaced fracture of lower epiphysis (separation) of left femur, sequela	Diagnosis	ICD-10-CM
S72.443	Displaced fracture of lower epiphysis (separation) of unspecified femur	Diagnosis	ICD-10-CM
S72.443A	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.443B	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.443C	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.443D	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.443E	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.443F	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.443G	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.443H	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.443J	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.443K	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.443M	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.443N	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.443P	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.443Q	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.443R	Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.443S	Displaced fracture of lower epiphysis (separation) of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.444	Nondisplaced fracture of lower epiphysis (separation) of right femur	Diagnosis	ICD-10-CM
S72.444A	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.444B	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.444C	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.444D	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.444E	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.444F	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.444G	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.444H	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.444J	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.444K	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.444M	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.444N	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.444P	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.444Q	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.444R	Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.444S	Nondisplaced fracture of lower epiphysis (separation) of right femur, sequela	Diagnosis	ICD-10-CM
S72.445	Nondisplaced fracture of lower epiphysis (separation) of left femur	Diagnosis	ICD-10-CM
S72.445A	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.445B	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.445C	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.445D	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.445E	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.445F	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.445G	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.445H	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.445J	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.445K	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.445M	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.445N	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.445P	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.445Q	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.445R	Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.445S	Nondisplaced fracture of lower epiphysis (separation) of left femur, sequela	Diagnosis	ICD-10-CM
S72.446	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur	Diagnosis	ICD-10-CM
S72.446A	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.446B	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.446C	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.446D	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.446E	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.446F	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.446G	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.446H	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.446J	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.446K	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.446M	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.446N	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.446P	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.446Q	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.446R	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.446S	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.45	Supracondylar fracture without intracondylar extension of lower end of femur	Diagnosis	ICD-10-CM
S72.451	Displaced supracondylar fracture without intracondylar extension of lower end of right femur	Diagnosis	ICD-10-CM
S72.451A	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.451B	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.451C	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.451D	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.451E	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.451F	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.451G	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.451H	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.451J	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.451K	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.451M	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.451N	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.451P	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.451Q	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.451R	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.451S	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.452	Displaced supracondylar fracture without intracondylar extension of lower end of left femur	Diagnosis	ICD-10-CM
S72.452A	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.452B	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.452C	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.452D	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.452E	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.452F	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.452G	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.452H	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.452J	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.452K	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.452M	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.452N	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.452P	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.452Q	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.452R	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.452S	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.453	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.453A	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.453B	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.453C	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.453D	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.453E	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.453F	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.453G	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.453H	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.453J	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.453K	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.453M	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.453N	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.453P	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.453Q	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.453R	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.453S	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.454	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur	Diagnosis	ICD-10-CM
S72.454A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.454B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.454C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.454D	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.454E	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.454F	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.454G	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.454H	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.454J	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.454K	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.454M	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.454N	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.454P	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.454Q	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.454R	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.454S	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.455	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur	Diagnosis	ICD-10-CM
S72.455A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.455B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.455C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.455D	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.455E	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.455F	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.455G	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.455H	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.455J	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.455K	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.455M	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.455N	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.455P	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.455Q	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.455R	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.455S	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.456	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.456A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.456B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.456C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.456D	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.456E	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.456F	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.456G	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.456H	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.456J	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.456K	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.456M	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.456N	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.456P	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.456Q	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.456R	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.456S	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.46	Supracondylar fracture with intracondylar extension of lower end of femur	Diagnosis	ICD-10-CM
S72.461	Displaced supracondylar fracture with intracondylar extension of lower end of right femur	Diagnosis	ICD-10-CM
S72.461A	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.461B	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.461C	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.461D	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.461E	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.461F	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.461G	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.461H	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.461J	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.461K	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.461M	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.461N	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.461P	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.461Q	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.461R	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.461S	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.462	Displaced supracondylar fracture with intracondylar extension of lower end of left femur	Diagnosis	ICD-10-CM
S72.462A	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.462B	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.462C	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.462D	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.462E	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.462F	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.462G	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.462H	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.462J	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.462K	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.462M	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.462N	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.462P	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.462Q	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.462R	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.462S	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.463	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.463A	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.463B	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.463C	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.463D	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.463E	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.463F	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.463G	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.463H	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.463J	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.463K	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.463M	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.463N	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.463P	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.463Q	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.463R	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.463S	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.464	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur	Diagnosis	ICD-10-CM
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.464B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.464C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.464D	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.464E	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.464F	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.464G	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.464H	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.464J	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.464K	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.464M	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.464N	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.464P	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.464Q	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.464R	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.464S	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.465	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur	Diagnosis	ICD-10-CM
S72.465A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.465B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.465C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.465D	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.465E	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.465F	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.465G	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.465H	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.465J	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.465K	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.465M	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.465N	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.465P	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.465Q	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.465R	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.465S	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.466	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.466A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.466B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.466C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.466D	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.466E	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.466F	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.466G	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.466H	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.466J	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.466K	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.466M	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.466N	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.466P	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.466Q	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.466R	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.466S	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.47	Torus fracture of lower end of femur	Diagnosis	ICD-10-CM
S72.471	Torus fracture of lower end of right femur	Diagnosis	ICD-10-CM
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.471D	Torus fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S72.471G	Torus fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S72.471K	Torus fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S72.471P	Torus fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S72.471S	Torus fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.472	Torus fracture of lower end of left femur	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472D	Torus fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S72.472G	Torus fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S72.472K	Torus fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S72.472P	Torus fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S72.472S	Torus fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.479	Torus fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.479D	Torus fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S72.479G	Torus fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S72.479K	Torus fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S72.479P	Torus fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S72.479S	Torus fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.49	Other fracture of lower end of femur	Diagnosis	ICD-10-CM
S72.491	Other fracture of lower end of right femur	Diagnosis	ICD-10-CM
S72.491A	Other fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.491B	Other fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.491C	Other fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.491D	Other fracture of lower end of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.491E	Other fracture of lower end of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.491F	Other fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.491G	Other fracture of lower end of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.491H	Other fracture of lower end of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.491J	Other fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.491K	Other fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.491M	Other fracture of lower end of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.491N	Other fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.491P	Other fracture of lower end of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.491Q	Other fracture of lower end of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.491R	Other fracture of lower end of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.491S	Other fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S72.492	Other fracture of lower end of left femur	Diagnosis	ICD-10-CM
S72.492A	Other fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.492B	Other fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.492C	Other fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.492D	Other fracture of lower end of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.492E	Other fracture of lower end of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.492F	Other fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.492G	Other fracture of lower end of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.492H	Other fracture of lower end of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.492J	Other fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.492K	Other fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.492M	Other fracture of lower end of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.492N	Other fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.492P	Other fracture of lower end of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.492Q	Other fracture of lower end of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.492R	Other fracture of lower end of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.492S	Other fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S72.499	Other fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.499B	Other fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.499C	Other fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.499D	Other fracture of lower end of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.499E	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.499F	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.499G	Other fracture of lower end of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.499H	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.499J	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.499K	Other fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.499M	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.499N	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.499P	Other fracture of lower end of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.499Q	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.499R	Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.499S	Other fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.8	Other fracture of femur	Diagnosis	ICD-10-CM
S72.8X	Other fracture of femur	Diagnosis	ICD-10-CM
S72.8X1	Other fracture of right femur	Diagnosis	ICD-10-CM
S72.8X1A	Other fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X1B	Other fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X1C	Other fracture of right femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.8X1D	Other fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.8X1E	Other fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.8X1F	Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.8X1G	Other fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.8X1H	Other fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.8X1J	Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.8X1K	Other fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.8X1M	Other fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.8X1N	Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.8X1P	Other fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.8X1Q	Other fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.8X1R	Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S72.8X1S	Other fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.8X2	Other fracture of left femur	Diagnosis	ICD-10-CM
S72.8X2A	Other fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X2B	Other fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X2C	Other fracture of left femur, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S72.8X2D	Other fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.8X2E	Other fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.8X2F	Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S72.8X2G	Other fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.8X2H	Other fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.8X2J	Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S72.8X2K	Other fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.8X2M	Other fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.8X2N	Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S72.8X2P	Other fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.8X2Q	Other fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.8X2R	Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.8X2S	Other fracture of left femur, sequela	Diagnosis	ICD-10-CM
S72.8X9	Other fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.8X9A	Other fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X9B	Other fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X9C	Other fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X9D	Other fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.8X9E	Other fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.8X9F	Other fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.8X9G	Other fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.8X9H	Other fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.8X9J	Other fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.8X9K	Other fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.8X9M	Other fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.8X9N	Other fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.8X9P	Other fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.8X9Q	Other fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.8X9R	Other fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.8X9S	Other fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.9	Unspecified fracture of femur	Diagnosis	ICD-10-CM
S72.90	Unspecified fracture of unspecified femur	Diagnosis	ICD-10-CM
S72.90XA	Unspecified fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.90XB	Unspecified fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.90XC	Unspecified fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XD	Unspecified fracture of unspecified femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.90XE	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.90XF	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.90XG	Unspecified fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.90XH	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.90XJ	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.90XK	Unspecified fracture of unspecified femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.90XM	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.90XN	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.90XP	Unspecified fracture of unspecified femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.90XQ	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.90XR	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.90XS	Unspecified fracture of unspecified femur, sequela	Diagnosis	ICD-10-CM
S72.91	Unspecified fracture of right femur	Diagnosis	ICD-10-CM
S72.91XA	Unspecified fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.91XB	Unspecified fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.91XC	Unspecified fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.91XD	Unspecified fracture of right femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.91XE	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.91XF	Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.91XG	Unspecified fracture of right femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.91XH	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.91XJ	Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.91XK	Unspecified fracture of right femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.91XM	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.91XN	Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S72.91XP	Unspecified fracture of right femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.91XQ	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.91XR	Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.91XS	Unspecified fracture of right femur, sequela	Diagnosis	ICD-10-CM
S72.92	Unspecified fracture of left femur	Diagnosis	ICD-10-CM
S72.92XA	Unspecified fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.92XB	Unspecified fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.92XC	Unspecified fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.92XD	Unspecified fracture of left femur, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S72.92XE	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.92XF	Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S72.92XG	Unspecified fracture of left femur, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S72.92XH	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S72.92XJ	Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S72.92XK	Unspecified fracture of left femur, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S72.92XM	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S72.92XN	Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S72.92XP	Unspecified fracture of left femur, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S72.92XQ	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S72.92XR	Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S72.92XS	Unspecified fracture of left femur, sequela	Diagnosis	ICD-10-CM
S73	Dislocation and sprain of joint and ligaments of hip	Diagnosis	ICD-10-CM
S73.0	Subluxation and dislocation of hip	Diagnosis	ICD-10-CM
S73.00	Unspecified subluxation and dislocation of hip	Diagnosis	ICD-10-CM
S73.001	Unspecified subluxation of right hip	Diagnosis	ICD-10-CM
S73.001A	Unspecified subluxation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.001D	Unspecified subluxation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.001S	Unspecified subluxation of right hip, sequela	Diagnosis	ICD-10-CM
S73.002	Unspecified subluxation of left hip	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S73.002A	Unspecified subluxation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.002D	Unspecified subluxation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.002S	Unspecified subluxation of left hip, sequela	Diagnosis	ICD-10-CM
S73.003	Unspecified subluxation of unspecified hip	Diagnosis	ICD-10-CM
S73.003A	Unspecified subluxation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.003D	Unspecified subluxation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.003S	Unspecified subluxation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.004	Unspecified dislocation of right hip	Diagnosis	ICD-10-CM
S73.004A	Unspecified dislocation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.004D	Unspecified dislocation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.004S	Unspecified dislocation of right hip, sequela	Diagnosis	ICD-10-CM
S73.005	Unspecified dislocation of left hip	Diagnosis	ICD-10-CM
S73.005A	Unspecified dislocation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.005D	Unspecified dislocation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.005S	Unspecified dislocation of left hip, sequela	Diagnosis	ICD-10-CM
S73.006	Unspecified dislocation of unspecified hip	Diagnosis	ICD-10-CM
S73.006A	Unspecified dislocation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.006D	Unspecified dislocation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.006S	Unspecified dislocation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.01	Posterior subluxation and dislocation of hip	Diagnosis	ICD-10-CM
S73.011	Posterior subluxation of right hip	Diagnosis	ICD-10-CM
S73.011A	Posterior subluxation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.011D	Posterior subluxation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.011S	Posterior subluxation of right hip, sequela	Diagnosis	ICD-10-CM
S73.012	Posterior subluxation of left hip	Diagnosis	ICD-10-CM
S73.012A	Posterior subluxation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.012D	Posterior subluxation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.012S	Posterior subluxation of left hip, sequela	Diagnosis	ICD-10-CM
S73.013	Posterior subluxation of unspecified hip	Diagnosis	ICD-10-CM
S73.013A	Posterior subluxation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.013D	Posterior subluxation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.013S	Posterior subluxation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.014	Posterior dislocation of right hip	Diagnosis	ICD-10-CM
S73.014A	Posterior dislocation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.014D	Posterior dislocation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.014S	Posterior dislocation of right hip, sequela	Diagnosis	ICD-10-CM
S73.015	Posterior dislocation of left hip	Diagnosis	ICD-10-CM
S73.015A	Posterior dislocation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.015D	Posterior dislocation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.015S	Posterior dislocation of left hip, sequela	Diagnosis	ICD-10-CM
S73.016	Posterior dislocation of unspecified hip	Diagnosis	ICD-10-CM
S73.016A	Posterior dislocation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.016D	Posterior dislocation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.016S	Posterior dislocation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.02	Obturator subluxation and dislocation of hip	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S73.021	Obturator subluxation of right hip	Diagnosis	ICD-10-CM
S73.021A	Obturator subluxation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.021D	Obturator subluxation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.021S	Obturator subluxation of right hip, sequela	Diagnosis	ICD-10-CM
S73.022	Obturator subluxation of left hip	Diagnosis	ICD-10-CM
S73.022A	Obturator subluxation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.022D	Obturator subluxation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.022S	Obturator subluxation of left hip, sequela	Diagnosis	ICD-10-CM
S73.023	Obturator subluxation of unspecified hip	Diagnosis	ICD-10-CM
S73.023A	Obturator subluxation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.023D	Obturator subluxation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.023S	Obturator subluxation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.024	Obturator dislocation of right hip	Diagnosis	ICD-10-CM
S73.024A	Obturator dislocation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.024D	Obturator dislocation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.024S	Obturator dislocation of right hip, sequela	Diagnosis	ICD-10-CM
S73.025	Obturator dislocation of left hip	Diagnosis	ICD-10-CM
S73.025A	Obturator dislocation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.025D	Obturator dislocation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.025S	Obturator dislocation of left hip, sequela	Diagnosis	ICD-10-CM
S73.026	Obturator dislocation of unspecified hip	Diagnosis	ICD-10-CM
S73.026A	Obturator dislocation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.026D	Obturator dislocation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.026S	Obturator dislocation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.03	Other anterior subluxation and dislocation of hip	Diagnosis	ICD-10-CM
S73.031	Other anterior subluxation of right hip	Diagnosis	ICD-10-CM
S73.031A	Other anterior subluxation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.031D	Other anterior subluxation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.031S	Other anterior subluxation of right hip, sequela	Diagnosis	ICD-10-CM
S73.032	Other anterior subluxation of left hip	Diagnosis	ICD-10-CM
S73.032A	Other anterior subluxation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.032D	Other anterior subluxation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.032S	Other anterior subluxation of left hip, sequela	Diagnosis	ICD-10-CM
S73.033	Other anterior subluxation of unspecified hip	Diagnosis	ICD-10-CM
S73.033A	Other anterior subluxation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.033D	Other anterior subluxation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.033S	Other anterior subluxation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.034	Other anterior dislocation of right hip	Diagnosis	ICD-10-CM
S73.034A	Other anterior dislocation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.034D	Other anterior dislocation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.034S	Other anterior dislocation of right hip, sequela	Diagnosis	ICD-10-CM
S73.035	Other anterior dislocation of left hip	Diagnosis	ICD-10-CM
S73.035A	Other anterior dislocation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.035D	Other anterior dislocation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.035S	Other anterior dislocation of left hip, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S73.036	Other anterior dislocation of unspecified hip	Diagnosis	ICD-10-CM
S73.036A	Other anterior dislocation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.036D	Other anterior dislocation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.036S	Other anterior dislocation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.04	Central subluxation and dislocation of hip	Diagnosis	ICD-10-CM
S73.041	Central subluxation of right hip	Diagnosis	ICD-10-CM
S73.041A	Central subluxation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.041D	Central subluxation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.041S	Central subluxation of right hip, sequela	Diagnosis	ICD-10-CM
S73.042	Central subluxation of left hip	Diagnosis	ICD-10-CM
S73.042A	Central subluxation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.042D	Central subluxation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.042S	Central subluxation of left hip, sequela	Diagnosis	ICD-10-CM
S73.043	Central subluxation of unspecified hip	Diagnosis	ICD-10-CM
S73.043A	Central subluxation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.043D	Central subluxation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.043S	Central subluxation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.044	Central dislocation of right hip	Diagnosis	ICD-10-CM
S73.044A	Central dislocation of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.044D	Central dislocation of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.044S	Central dislocation of right hip, sequela	Diagnosis	ICD-10-CM
S73.045	Central dislocation of left hip	Diagnosis	ICD-10-CM
S73.045A	Central dislocation of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.045D	Central dislocation of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.045S	Central dislocation of left hip, sequela	Diagnosis	ICD-10-CM
S73.046	Central dislocation of unspecified hip	Diagnosis	ICD-10-CM
S73.046A	Central dislocation of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.046D	Central dislocation of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.046S	Central dislocation of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.1	Sprain of hip	Diagnosis	ICD-10-CM
S73.10	Unspecified sprain of hip	Diagnosis	ICD-10-CM
S73.101	Unspecified sprain of right hip	Diagnosis	ICD-10-CM
S73.101A	Unspecified sprain of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.101D	Unspecified sprain of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.101S	Unspecified sprain of right hip, sequela	Diagnosis	ICD-10-CM
S73.102	Unspecified sprain of left hip	Diagnosis	ICD-10-CM
S73.102A	Unspecified sprain of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.102D	Unspecified sprain of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.102S	Unspecified sprain of left hip, sequela	Diagnosis	ICD-10-CM
S73.109	Unspecified sprain of unspecified hip	Diagnosis	ICD-10-CM
S73.109A	Unspecified sprain of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.109D	Unspecified sprain of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.109S	Unspecified sprain of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.11	Iliofemoral ligament sprain of hip	Diagnosis	ICD-10-CM
S73.111	Iliofemoral ligament sprain of right hip	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S73.111A	Iliofemoral ligament sprain of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.111D	Iliofemoral ligament sprain of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.111S	Iliofemoral ligament sprain of right hip, sequela	Diagnosis	ICD-10-CM
S73.112	Iliofemoral ligament sprain of left hip	Diagnosis	ICD-10-CM
S73.112A	Iliofemoral ligament sprain of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.112D	Iliofemoral ligament sprain of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.112S	Iliofemoral ligament sprain of left hip, sequela	Diagnosis	ICD-10-CM
S73.119	Iliofemoral ligament sprain of unspecified hip	Diagnosis	ICD-10-CM
S73.119A	Iliofemoral ligament sprain of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.119D	Iliofemoral ligament sprain of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.119S	Iliofemoral ligament sprain of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.12	Ischiocapsular (ligament) sprain of hip	Diagnosis	ICD-10-CM
S73.121	Ischiocapsular ligament sprain of right hip	Diagnosis	ICD-10-CM
S73.121A	Ischiocapsular ligament sprain of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.121D	Ischiocapsular ligament sprain of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.121S	Ischiocapsular ligament sprain of right hip, sequela	Diagnosis	ICD-10-CM
S73.122	Ischiocapsular ligament sprain of left hip	Diagnosis	ICD-10-CM
S73.122A	Ischiocapsular ligament sprain of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.122D	Ischiocapsular ligament sprain of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.122S	Ischiocapsular ligament sprain of left hip, sequela	Diagnosis	ICD-10-CM
S73.129	Ischiocapsular ligament sprain of unspecified hip	Diagnosis	ICD-10-CM
S73.129A	Ischiocapsular ligament sprain of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.129D	Ischiocapsular ligament sprain of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.129S	Ischiocapsular ligament sprain of unspecified hip, sequela	Diagnosis	ICD-10-CM
S73.19	Other sprain of hip	Diagnosis	ICD-10-CM
S73.191	Other sprain of right hip	Diagnosis	ICD-10-CM
S73.191A	Other sprain of right hip, initial encounter	Diagnosis	ICD-10-CM
S73.191D	Other sprain of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.191S	Other sprain of right hip, sequela	Diagnosis	ICD-10-CM
S73.192	Other sprain of left hip	Diagnosis	ICD-10-CM
S73.192A	Other sprain of left hip, initial encounter	Diagnosis	ICD-10-CM
S73.192D	Other sprain of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.192S	Other sprain of left hip, sequela	Diagnosis	ICD-10-CM
S73.199	Other sprain of unspecified hip	Diagnosis	ICD-10-CM
S73.199A	Other sprain of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S73.199D	Other sprain of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S73.199S	Other sprain of unspecified hip, sequela	Diagnosis	ICD-10-CM
S74	Injury of nerves at hip and thigh level	Diagnosis	ICD-10-CM
S74.0	Injury of sciatic nerve at hip and thigh level	Diagnosis	ICD-10-CM
S74.00	Injury of sciatic nerve at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S74.00XA	Injury of sciatic nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.00XD	Injury of sciatic nerve at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.00XS	Injury of sciatic nerve at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S74.01	Injury of sciatic nerve at hip and thigh level, right leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S74.01XA	Injury of sciatic nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.01XD	Injury of sciatic nerve at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.01XS	Injury of sciatic nerve at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S74.02	Injury of sciatic nerve at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S74.02XA	Injury of sciatic nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.02XD	Injury of sciatic nerve at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.02XS	Injury of sciatic nerve at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S74.1	Injury of femoral nerve at hip and thigh level	Diagnosis	ICD-10-CM
S74.10	Injury of femoral nerve at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S74.10XA	Injury of femoral nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.10XD	Injury of femoral nerve at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.10XS	Injury of femoral nerve at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S74.11	Injury of femoral nerve at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S74.11XA	Injury of femoral nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.11XD	Injury of femoral nerve at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.11XS	Injury of femoral nerve at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S74.12	Injury of femoral nerve at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S74.12XA	Injury of femoral nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.12XD	Injury of femoral nerve at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.12XS	Injury of femoral nerve at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S74.2	Injury of cutaneous sensory nerve at hip and thigh level	Diagnosis	ICD-10-CM
S74.20	Injury of cutaneous sensory nerve at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S74.20XA	Injury of cutaneous sensory nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.20XD	Injury of cutaneous sensory nerve at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.20XS	Injury of cutaneous sensory nerve at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S74.21	Injury of cutaneous sensory nerve at hip and high level, right leg	Diagnosis	ICD-10-CM
S74.21XA	Injury of cutaneous sensory nerve at hip and high level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.21XD	Injury of cutaneous sensory nerve at hip and high level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.21XS	Injury of cutaneous sensory nerve at hip and high level, right leg, sequela	Diagnosis	ICD-10-CM
S74.22	Injury of cutaneous sensory nerve at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S74.22XA	Injury of cutaneous sensory nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.22XD	Injury of cutaneous sensory nerve at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.22XS	Injury of cutaneous sensory nerve at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S74.8	Injury of other nerves at hip and thigh level	Diagnosis	ICD-10-CM
S74.8X	Injury of other nerves at hip and thigh level	Diagnosis	ICD-10-CM
S74.8X1	Injury of other nerves at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S74.8X1A	Injury of other nerves at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.8X1D	Injury of other nerves at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.8X1S	Injury of other nerves at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S74.8X2	Injury of other nerves at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S74.8X2A	Injury of other nerves at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.8X2D	Injury of other nerves at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.8X2S	Injury of other nerves at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S74.8X9	Injury of other nerves at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S74.8X9A	Injury of other nerves at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.8X9D	Injury of other nerves at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.8X9S	Injury of other nerves at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S74.9	Injury of unspecified nerve at hip and thigh level	Diagnosis	ICD-10-CM
S74.90	Injury of unspecified nerve at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S74.90XA	Injury of unspecified nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.90XD	Injury of unspecified nerve at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.90XS	Injury of unspecified nerve at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S74.91	Injury of unspecified nerve at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S74.91XA	Injury of unspecified nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.91XD	Injury of unspecified nerve at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.91XS	Injury of unspecified nerve at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S74.92	Injury of unspecified nerve at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S74.92XA	Injury of unspecified nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.92XD	Injury of unspecified nerve at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S74.92XS	Injury of unspecified nerve at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75	Injury of blood vessels at hip and thigh level	Diagnosis	ICD-10-CM
S75.0	Injury of femoral artery	Diagnosis	ICD-10-CM
S75.00	Unspecified injury of femoral artery	Diagnosis	ICD-10-CM
S75.001	Unspecified injury of femoral artery, right leg	Diagnosis	ICD-10-CM
S75.001A	Unspecified injury of femoral artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.001D	Unspecified injury of femoral artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.001S	Unspecified injury of femoral artery, right leg, sequela	Diagnosis	ICD-10-CM
S75.002	Unspecified injury of femoral artery, left leg	Diagnosis	ICD-10-CM
S75.002A	Unspecified injury of femoral artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.002D	Unspecified injury of femoral artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.002S	Unspecified injury of femoral artery, left leg, sequela	Diagnosis	ICD-10-CM
S75.009	Unspecified injury of femoral artery, unspecified leg	Diagnosis	ICD-10-CM
S75.009A	Unspecified injury of femoral artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.009D	Unspecified injury of femoral artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.009S	Unspecified injury of femoral artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.01	Minor laceration of femoral artery	Diagnosis	ICD-10-CM
S75.011	Minor laceration of femoral artery, right leg	Diagnosis	ICD-10-CM
S75.011A	Minor laceration of femoral artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.011D	Minor laceration of femoral artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.011S	Minor laceration of femoral artery, right leg, sequela	Diagnosis	ICD-10-CM
S75.012	Minor laceration of femoral artery, left leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S75.012A	Minor laceration of femoral artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.012D	Minor laceration of femoral artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.012S	Minor laceration of femoral artery, left leg, sequela	Diagnosis	ICD-10-CM
S75.019	Minor laceration of femoral artery, unspecified leg	Diagnosis	ICD-10-CM
S75.019A	Minor laceration of femoral artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.019D	Minor laceration of femoral artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.019S	Minor laceration of femoral artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.02	Major laceration of femoral artery	Diagnosis	ICD-10-CM
S75.021	Major laceration of femoral artery, right leg	Diagnosis	ICD-10-CM
S75.021A	Major laceration of femoral artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.021D	Major laceration of femoral artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.021S	Major laceration of femoral artery, right leg, sequela	Diagnosis	ICD-10-CM
S75.022	Major laceration of femoral artery, left leg	Diagnosis	ICD-10-CM
S75.022A	Major laceration of femoral artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.022D	Major laceration of femoral artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.022S	Major laceration of femoral artery, left leg, sequela	Diagnosis	ICD-10-CM
S75.029	Major laceration of femoral artery, unspecified leg	Diagnosis	ICD-10-CM
S75.029A	Major laceration of femoral artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.029D	Major laceration of femoral artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.029S	Major laceration of femoral artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.09	Other specified injury of femoral artery	Diagnosis	ICD-10-CM
S75.091	Other specified injury of femoral artery, right leg	Diagnosis	ICD-10-CM
S75.091A	Other specified injury of femoral artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.091D	Other specified injury of femoral artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.091S	Other specified injury of femoral artery, right leg, sequela	Diagnosis	ICD-10-CM
S75.092	Other specified injury of femoral artery, left leg	Diagnosis	ICD-10-CM
S75.092A	Other specified injury of femoral artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.092D	Other specified injury of femoral artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.092S	Other specified injury of femoral artery, left leg, sequela	Diagnosis	ICD-10-CM
S75.099	Other specified injury of femoral artery, unspecified leg	Diagnosis	ICD-10-CM
S75.099A	Other specified injury of femoral artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.099D	Other specified injury of femoral artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.099S	Other specified injury of femoral artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.1	Injury of femoral vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.10	Unspecified injury of femoral vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.101	Unspecified injury of femoral vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.101A	Unspecified injury of femoral vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.101D	Unspecified injury of femoral vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.101S	Unspecified injury of femoral vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.102	Unspecified injury of femoral vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.102A	Unspecified injury of femoral vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S75.102D	Unspecified injury of femoral vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.102S	Unspecified injury of femoral vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.109	Unspecified injury of femoral vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.109A	Unspecified injury of femoral vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.109D	Unspecified injury of femoral vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.109S	Unspecified injury of femoral vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.11	Minor laceration of femoral vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.111	Minor laceration of femoral vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.111A	Minor laceration of femoral vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.111D	Minor laceration of femoral vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.111S	Minor laceration of femoral vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.112	Minor laceration of femoral vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.112A	Minor laceration of femoral vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.112D	Minor laceration of femoral vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.112S	Minor laceration of femoral vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.119	Minor laceration of femoral vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.119A	Minor laceration of femoral vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.119D	Minor laceration of femoral vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.119S	Minor laceration of femoral vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.12	Major laceration of femoral vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.121	Major laceration of femoral vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.121A	Major laceration of femoral vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.121D	Major laceration of femoral vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.121S	Major laceration of femoral vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.122	Major laceration of femoral vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.122A	Major laceration of femoral vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.122D	Major laceration of femoral vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.122S	Major laceration of femoral vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.129	Major laceration of femoral vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.129A	Major laceration of femoral vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.129D	Major laceration of femoral vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.129S	Major laceration of femoral vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S75.19	Other specified injury of femoral vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.191	Other specified injury of femoral vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.191A	Other specified injury of femoral vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.191D	Other specified injury of femoral vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.191S	Other specified injury of femoral vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.192	Other specified injury of femoral vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.192A	Other specified injury of femoral vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.192D	Other specified injury of femoral vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.192S	Other specified injury of femoral vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.199	Other specified injury of femoral vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.199A	Other specified injury of femoral vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.199D	Other specified injury of femoral vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.199S	Other specified injury of femoral vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.2	Injury of greater saphenous vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.20	Unspecified injury of greater saphenous vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.201	Unspecified injury of greater saphenous vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.201A	Unspecified injury of greater saphenous vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.201D	Unspecified injury of greater saphenous vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.201S	Unspecified injury of greater saphenous vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.202	Unspecified injury of greater saphenous vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.202A	Unspecified injury of greater saphenous vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.202D	Unspecified injury of greater saphenous vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.202S	Unspecified injury of greater saphenous vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.209	Unspecified injury of greater saphenous vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.209A	Unspecified injury of greater saphenous vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.209D	Unspecified injury of greater saphenous vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.209S	Unspecified injury of greater saphenous vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.21	Minor laceration of greater saphenous vein at hip and thigh level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S75.211	Minor laceration of greater saphenous vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.211A	Minor laceration of greater saphenous vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.211D	Minor laceration of greater saphenous vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.211S	Minor laceration of greater saphenous vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.212	Minor laceration of greater saphenous vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.212A	Minor laceration of greater saphenous vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.212D	Minor laceration of greater saphenous vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.212S	Minor laceration of greater saphenous vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.219	Minor laceration of greater saphenous vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.219A	Minor laceration of greater saphenous vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.219D	Minor laceration of greater saphenous vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.219S	Minor laceration of greater saphenous vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.22	Major laceration of greater saphenous vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.221	Major laceration of greater saphenous vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.221A	Major laceration of greater saphenous vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.221D	Major laceration of greater saphenous vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.221S	Major laceration of greater saphenous vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.222	Major laceration of greater saphenous vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.222A	Major laceration of greater saphenous vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.222D	Major laceration of greater saphenous vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.222S	Major laceration of greater saphenous vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.229	Major laceration of greater saphenous vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.229A	Major laceration of greater saphenous vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.229D	Major laceration of greater saphenous vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.229S	Major laceration of greater saphenous vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S75.29	Other specified injury of greater saphenous vein at hip and thigh level	Diagnosis	ICD-10-CM
S75.291	Other specified injury of greater saphenous vein at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.291A	Other specified injury of greater saphenous vein at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.291D	Other specified injury of greater saphenous vein at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.291S	Other specified injury of greater saphenous vein at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.292	Other specified injury of greater saphenous vein at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.292A	Other specified injury of greater saphenous vein at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.292D	Other specified injury of greater saphenous vein at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.292S	Other specified injury of greater saphenous vein at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.299	Other specified injury of greater saphenous vein at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.299A	Other specified injury of greater saphenous vein at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.299D	Other specified injury of greater saphenous vein at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.299S	Other specified injury of greater saphenous vein at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.8	Injury of other blood vessels at hip and thigh level	Diagnosis	ICD-10-CM
S75.80	Unspecified injury of other blood vessels at hip and thigh level	Diagnosis	ICD-10-CM
S75.801	Unspecified injury of other blood vessels at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.801A	Unspecified injury of other blood vessels at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.801D	Unspecified injury of other blood vessels at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.801S	Unspecified injury of other blood vessels at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.802	Unspecified injury of other blood vessels at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.802A	Unspecified injury of other blood vessels at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.802D	Unspecified injury of other blood vessels at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.802S	Unspecified injury of other blood vessels at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.809	Unspecified injury of other blood vessels at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.809A	Unspecified injury of other blood vessels at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.809D	Unspecified injury of other blood vessels at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.809S	Unspecified injury of other blood vessels at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.81	Laceration of other blood vessels at hip and thigh level	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S75.811	Laceration of other blood vessels at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.811A	Laceration of other blood vessels at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.811D	Laceration of other blood vessels at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.811S	Laceration of other blood vessels at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.812	Laceration of other blood vessels at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.812A	Laceration of other blood vessels at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.812D	Laceration of other blood vessels at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.812S	Laceration of other blood vessels at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.819	Laceration of other blood vessels at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.819A	Laceration of other blood vessels at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.819D	Laceration of other blood vessels at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.819S	Laceration of other blood vessels at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.89	Other specified injury of other blood vessels at hip and thigh level	Diagnosis	ICD-10-CM
S75.891	Other specified injury of other blood vessels at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.891A	Other specified injury of other blood vessels at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.891D	Other specified injury of other blood vessels at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.891S	Other specified injury of other blood vessels at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.892	Other specified injury of other blood vessels at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.892A	Other specified injury of other blood vessels at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.892D	Other specified injury of other blood vessels at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.892S	Other specified injury of other blood vessels at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.899	Other specified injury of other blood vessels at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.899A	Other specified injury of other blood vessels at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.899D	Other specified injury of other blood vessels at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.899S	Other specified injury of other blood vessels at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.9	Injury of unspecified blood vessel at hip and thigh level	Diagnosis	ICD-10-CM
S75.90	Unspecified injury of unspecified blood vessel at hip and thigh level	Diagnosis	ICD-10-CM
S75.901	Unspecified injury of unspecified blood vessel at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.901A	Unspecified injury of unspecified blood vessel at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S75.901D	Unspecified injury of unspecified blood vessel at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.901S	Unspecified injury of unspecified blood vessel at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.902	Unspecified injury of unspecified blood vessel at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.902A	Unspecified injury of unspecified blood vessel at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.902D	Unspecified injury of unspecified blood vessel at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.902S	Unspecified injury of unspecified blood vessel at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.909	Unspecified injury of unspecified blood vessel at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.909A	Unspecified injury of unspecified blood vessel at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.909D	Unspecified injury of unspecified blood vessel at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.909S	Unspecified injury of unspecified blood vessel at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.91	Laceration of unspecified blood vessel at hip and thigh level	Diagnosis	ICD-10-CM
S75.911	Laceration of unspecified blood vessel at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.911A	Laceration of unspecified blood vessel at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.911D	Laceration of unspecified blood vessel at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.911S	Laceration of unspecified blood vessel at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.912	Laceration of unspecified blood vessel at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.912A	Laceration of unspecified blood vessel at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.912D	Laceration of unspecified blood vessel at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.912S	Laceration of unspecified blood vessel at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.919	Laceration of unspecified blood vessel at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.919A	Laceration of unspecified blood vessel at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.919D	Laceration of unspecified blood vessel at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.919S	Laceration of unspecified blood vessel at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S75.99	Other specified injury of unspecified blood vessel at hip and thigh level	Diagnosis	ICD-10-CM
S75.991	Other specified injury of unspecified blood vessel at hip and thigh level, right leg	Diagnosis	ICD-10-CM
S75.991A	Other specified injury of unspecified blood vessel at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S75.991D	Other specified injury of unspecified blood vessel at hip and thigh level, right leg, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S75.991S	Other specified injury of unspecified blood vessel at hip and thigh level, right leg, sequela	Diagnosis	ICD-10-CM
S75.992	Other specified injury of unspecified blood vessel at hip and thigh level, left leg	Diagnosis	ICD-10-CM
S75.992A	Other specified injury of unspecified blood vessel at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S75.992D	Other specified injury of unspecified blood vessel at hip and thigh level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.992S	Other specified injury of unspecified blood vessel at hip and thigh level, left leg, sequela	Diagnosis	ICD-10-CM
S75.999	Other specified injury of unspecified blood vessel at hip and thigh level, unspecified leg	Diagnosis	ICD-10-CM
S75.999A	Other specified injury of unspecified blood vessel at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S75.999D	Other specified injury of unspecified blood vessel at hip and thigh level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S75.999S	Other specified injury of unspecified blood vessel at hip and thigh level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S76	Injury of muscle, fascia and tendon at hip and thigh level	Diagnosis	ICD-10-CM
S76.0	Injury of muscle, fascia and tendon of hip	Diagnosis	ICD-10-CM
S76.00	Unspecified injury of muscle, fascia and tendon of hip	Diagnosis	ICD-10-CM
S76.001	Unspecified injury of muscle, fascia and tendon of right hip	Diagnosis	ICD-10-CM
S76.001A	Unspecified injury of muscle, fascia and tendon of right hip, initial encounter	Diagnosis	ICD-10-CM
S76.001D	Unspecified injury of muscle, fascia and tendon of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.001S	Unspecified injury of muscle, fascia and tendon of right hip, sequela	Diagnosis	ICD-10-CM
S76.002	Unspecified injury of muscle, fascia and tendon of left hip	Diagnosis	ICD-10-CM
S76.002A	Unspecified injury of muscle, fascia and tendon of left hip, initial encounter	Diagnosis	ICD-10-CM
S76.002D	Unspecified injury of muscle, fascia and tendon of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.002S	Unspecified injury of muscle, fascia and tendon of left hip, sequela	Diagnosis	ICD-10-CM
S76.009	Unspecified injury of muscle, fascia and tendon of unspecified hip	Diagnosis	ICD-10-CM
S76.009A	Unspecified injury of muscle, fascia and tendon of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S76.009D	Unspecified injury of muscle, fascia and tendon of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.009S	Unspecified injury of muscle, fascia and tendon of unspecified hip, sequela	Diagnosis	ICD-10-CM
S76.01	Strain of muscle, fascia and tendon of hip	Diagnosis	ICD-10-CM
S76.011	Strain of muscle, fascia and tendon of right hip	Diagnosis	ICD-10-CM
S76.011A	Strain of muscle, fascia and tendon of right hip, initial encounter	Diagnosis	ICD-10-CM
S76.011D	Strain of muscle, fascia and tendon of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.011S	Strain of muscle, fascia and tendon of right hip, sequela	Diagnosis	ICD-10-CM
S76.012	Strain of muscle, fascia and tendon of left hip	Diagnosis	ICD-10-CM
S76.012A	Strain of muscle, fascia and tendon of left hip, initial encounter	Diagnosis	ICD-10-CM
S76.012D	Strain of muscle, fascia and tendon of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.012S	Strain of muscle, fascia and tendon of left hip, sequela	Diagnosis	ICD-10-CM
S76.019	Strain of muscle, fascia and tendon of unspecified hip	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.019A	Strain of muscle, fascia and tendon of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S76.019D	Strain of muscle, fascia and tendon of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.019S	Strain of muscle, fascia and tendon of unspecified hip, sequela	Diagnosis	ICD-10-CM
S76.02	Laceration of muscle, fascia and tendon of hip	Diagnosis	ICD-10-CM
S76.021	Laceration of muscle, fascia and tendon of right hip	Diagnosis	ICD-10-CM
S76.021A	Laceration of muscle, fascia and tendon of right hip, initial encounter	Diagnosis	ICD-10-CM
S76.021D	Laceration of muscle, fascia and tendon of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.021S	Laceration of muscle, fascia and tendon of right hip, sequela	Diagnosis	ICD-10-CM
S76.022	Laceration of muscle, fascia and tendon of left hip	Diagnosis	ICD-10-CM
S76.022A	Laceration of muscle, fascia and tendon of left hip, initial encounter	Diagnosis	ICD-10-CM
S76.022D	Laceration of muscle, fascia and tendon of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.022S	Laceration of muscle, fascia and tendon of left hip, sequela	Diagnosis	ICD-10-CM
S76.029	Laceration of muscle, fascia and tendon of unspecified hip	Diagnosis	ICD-10-CM
S76.029A	Laceration of muscle, fascia and tendon of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S76.029D	Laceration of muscle, fascia and tendon of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.029S	Laceration of muscle, fascia and tendon of unspecified hip, sequela	Diagnosis	ICD-10-CM
S76.09	Other specified injury of muscle, fascia and tendon of hip	Diagnosis	ICD-10-CM
S76.091	Other specified injury of muscle, fascia and tendon of right hip	Diagnosis	ICD-10-CM
S76.091A	Other specified injury of muscle, fascia and tendon of right hip, initial encounter	Diagnosis	ICD-10-CM
S76.091D	Other specified injury of muscle, fascia and tendon of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.091S	Other specified injury of muscle, fascia and tendon of right hip, sequela	Diagnosis	ICD-10-CM
S76.092	Other specified injury of muscle, fascia and tendon of left hip	Diagnosis	ICD-10-CM
S76.092A	Other specified injury of muscle, fascia and tendon of left hip, initial encounter	Diagnosis	ICD-10-CM
S76.092D	Other specified injury of muscle, fascia and tendon of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.092S	Other specified injury of muscle, fascia and tendon of left hip, sequela	Diagnosis	ICD-10-CM
S76.099	Other specified injury of muscle, fascia and tendon of unspecified hip	Diagnosis	ICD-10-CM
S76.099A	Other specified injury of muscle, fascia and tendon of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S76.099D	Other specified injury of muscle, fascia and tendon of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S76.099S	Other specified injury of muscle, fascia and tendon of unspecified hip, sequela	Diagnosis	ICD-10-CM
S76.1	Injury of quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.10	Unspecified injury of quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.101	Unspecified injury of right quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.101A	Unspecified injury of right quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.101D	Unspecified injury of right quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.101S	Unspecified injury of right quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.102	Unspecified injury of left quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.102A	Unspecified injury of left quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.102D	Unspecified injury of left quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.102S	Unspecified injury of left quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.109	Unspecified injury of unspecified quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.109A	Unspecified injury of unspecified quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.109D	Unspecified injury of unspecified quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.109S	Unspecified injury of unspecified quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.11	Strain of quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.111	Strain of right quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.111A	Strain of right quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.111D	Strain of right quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.111S	Strain of right quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.112	Strain of left quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.112A	Strain of left quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.112D	Strain of left quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.112S	Strain of left quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.119	Strain of unspecified quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.119A	Strain of unspecified quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.119D	Strain of unspecified quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.119S	Strain of unspecified quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.12	Laceration of quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.121	Laceration of right quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.121A	Laceration of right quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.121D	Laceration of right quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.121S	Laceration of right quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.122	Laceration of left quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.122A	Laceration of left quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.122D	Laceration of left quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.122S	Laceration of left quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.129	Laceration of unspecified quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.129A	Laceration of unspecified quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.129D	Laceration of unspecified quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.129S	Laceration of unspecified quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.19	Other specified injury of quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.191	Other specified injury of right quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.191A	Other specified injury of right quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.191D	Other specified injury of right quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.191S	Other specified injury of right quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.192	Other specified injury of left quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.192A	Other specified injury of left quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.192D	Other specified injury of left quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.192S	Other specified injury of left quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.199	Other specified injury of unspecified quadriceps muscle, fascia and tendon	Diagnosis	ICD-10-CM
S76.199A	Other specified injury of unspecified quadriceps muscle, fascia and tendon, initial encounter	Diagnosis	ICD-10-CM
S76.199D	Other specified injury of unspecified quadriceps muscle, fascia and tendon, subsequent encounter	Diagnosis	ICD-10-CM
S76.199S	Other specified injury of unspecified quadriceps muscle, fascia and tendon, sequela	Diagnosis	ICD-10-CM
S76.2	Injury of adductor muscle, fascia and tendon of thigh	Diagnosis	ICD-10-CM
S76.20	Unspecified injury of adductor muscle, fascia and tendon of thigh	Diagnosis	ICD-10-CM
S76.201	Unspecified injury of adductor muscle, fascia and tendon of right thigh	Diagnosis	ICD-10-CM
S76.201A	Unspecified injury of adductor muscle, fascia and tendon of right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.201D	Unspecified injury of adductor muscle, fascia and tendon of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.201S	Unspecified injury of adductor muscle, fascia and tendon of right thigh, sequela	Diagnosis	ICD-10-CM
S76.202	Unspecified injury of adductor muscle, fascia and tendon of left thigh	Diagnosis	ICD-10-CM
S76.202A	Unspecified injury of adductor muscle, fascia and tendon of left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.202D	Unspecified injury of adductor muscle, fascia and tendon of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.202S	Unspecified injury of adductor muscle, fascia and tendon of left thigh, sequela	Diagnosis	ICD-10-CM
S76.209	Unspecified injury of adductor muscle, fascia and tendon of unspecified thigh	Diagnosis	ICD-10-CM
S76.209A	Unspecified injury of adductor muscle, fascia and tendon of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.209D	Unspecified injury of adductor muscle, fascia and tendon of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.209S	Unspecified injury of adductor muscle, fascia and tendon of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.21	Strain of adductor muscle, fascia and tendon of thigh	Diagnosis	ICD-10-CM
S76.211	Strain of adductor muscle, fascia and tendon of right thigh	Diagnosis	ICD-10-CM
S76.211A	Strain of adductor muscle, fascia and tendon of right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.211D	Strain of adductor muscle, fascia and tendon of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.211S	Strain of adductor muscle, fascia and tendon of right thigh, sequela	Diagnosis	ICD-10-CM
S76.212	Strain of adductor muscle, fascia and tendon of left thigh	Diagnosis	ICD-10-CM
S76.212A	Strain of adductor muscle, fascia and tendon of left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.212D	Strain of adductor muscle, fascia and tendon of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.212S	Strain of adductor muscle, fascia and tendon of left thigh, sequela	Diagnosis	ICD-10-CM
S76.219	Strain of adductor muscle, fascia and tendon of unspecified thigh	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.219A	Strain of adductor muscle, fascia and tendon of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.219D	Strain of adductor muscle, fascia and tendon of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.219S	Strain of adductor muscle, fascia and tendon of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.22	Laceration of adductor muscle, fascia and tendon of thigh	Diagnosis	ICD-10-CM
S76.221	Laceration of adductor muscle, fascia and tendon of right thigh	Diagnosis	ICD-10-CM
S76.221A	Laceration of adductor muscle, fascia and tendon of right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.221D	Laceration of adductor muscle, fascia and tendon of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.221S	Laceration of adductor muscle, fascia and tendon of right thigh, sequela	Diagnosis	ICD-10-CM
S76.222	Laceration of adductor muscle, fascia and tendon of left thigh	Diagnosis	ICD-10-CM
S76.222A	Laceration of adductor muscle, fascia and tendon of left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.222D	Laceration of adductor muscle, fascia and tendon of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.222S	Laceration of adductor muscle, fascia and tendon of left thigh, sequela	Diagnosis	ICD-10-CM
S76.229	Laceration of adductor muscle, fascia and tendon of unspecified thigh	Diagnosis	ICD-10-CM
S76.229A	Laceration of adductor muscle, fascia and tendon of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.229D	Laceration of adductor muscle, fascia and tendon of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.229S	Laceration of adductor muscle, fascia and tendon of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.29	Other injury of adductor muscle, fascia and tendon of thigh	Diagnosis	ICD-10-CM
S76.291	Other injury of adductor muscle, fascia and tendon of right thigh	Diagnosis	ICD-10-CM
S76.291A	Other injury of adductor muscle, fascia and tendon of right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.291D	Other injury of adductor muscle, fascia and tendon of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.291S	Other injury of adductor muscle, fascia and tendon of right thigh, sequela	Diagnosis	ICD-10-CM
S76.292	Other injury of adductor muscle, fascia and tendon of left thigh	Diagnosis	ICD-10-CM
S76.292A	Other injury of adductor muscle, fascia and tendon of left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.292D	Other injury of adductor muscle, fascia and tendon of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.292S	Other injury of adductor muscle, fascia and tendon of left thigh, sequela	Diagnosis	ICD-10-CM
S76.299	Other injury of adductor muscle, fascia and tendon of unspecified thigh	Diagnosis	ICD-10-CM
S76.299A	Other injury of adductor muscle, fascia and tendon of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.299D	Other injury of adductor muscle, fascia and tendon of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.299S	Other injury of adductor muscle, fascia and tendon of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.3	Injury of muscle, fascia and tendon of the posterior muscle group at thigh level	Diagnosis	ICD-10-CM
S76.30	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level	Diagnosis	ICD-10-CM
S76.301	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S76.301A	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.301D	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.301S	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.302	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.302A	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.302D	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.302S	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.309	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.309A	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.309D	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.309S	Unspecified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.31	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level	Diagnosis	ICD-10-CM
S76.311	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.311A	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.311D	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.311S	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.312	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.312A	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.312D	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.312S	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.319	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.319A	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.319D	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S76.319S	Strain of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.32	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level	Diagnosis	ICD-10-CM
S76.321	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.321A	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.321D	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.321S	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.322	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.322A	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.322D	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.322S	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.329	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.329A	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.329D	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.329S	Laceration of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.39	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level	Diagnosis	ICD-10-CM
S76.391	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.391A	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.391D	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.391S	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.392	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.392A	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.392D	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S76.392S	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.399	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.399A	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.399D	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.399S	Other specified injury of muscle, fascia and tendon of the posterior muscle group at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.8	Injury of other specified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.80	Unspecified injury of other specified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.801	Unspecified injury of other specified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.801A	Unspecified injury of other specified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.801D	Unspecified injury of other specified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.801S	Unspecified injury of other specified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.802	Unspecified injury of other specified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.802A	Unspecified injury of other specified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.802D	Unspecified injury of other specified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.802S	Unspecified injury of other specified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.809	Unspecified injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.809A	Unspecified injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.809D	Unspecified injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.809S	Unspecified injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.81	Strain of other specified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.811	Strain of other specified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.811A	Strain of other specified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.811D	Strain of other specified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.811S	Strain of other specified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.812	Strain of other specified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.812A	Strain of other specified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.812D	Strain of other specified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.812S	Strain of other specified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.819	Strain of other specified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.819A	Strain of other specified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.819D	Strain of other specified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.819S	Strain of other specified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.82	Laceration of other specified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.821	Laceration of other specified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.821A	Laceration of other specified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.821D	Laceration of other specified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.821S	Laceration of other specified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.822	Laceration of other specified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.822A	Laceration of other specified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.822D	Laceration of other specified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.822S	Laceration of other specified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.829	Laceration of other specified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.829A	Laceration of other specified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.829D	Laceration of other specified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.829S	Laceration of other specified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.89	Other injury of other specified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.891	Other injury of other specified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.891A	Other injury of other specified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.891D	Other injury of other specified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.891S	Other injury of other specified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.892	Other injury of other specified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.892A	Other injury of other specified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.892D	Other injury of other specified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.892S	Other injury of other specified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.899	Other injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.899A	Other injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.899D	Other injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.899S	Other injury of other specified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.9	Injury of unspecified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.90	Unspecified injury of unspecified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.901	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.901A	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.901D	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.901S	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.902	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.902A	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.902D	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.902S	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.909	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.909A	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.909D	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.909S	Unspecified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.91	Strain of unspecified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.911	Strain of unspecified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.911A	Strain of unspecified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.911D	Strain of unspecified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.911S	Strain of unspecified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.912	Strain of unspecified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.912A	Strain of unspecified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.912D	Strain of unspecified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.912S	Strain of unspecified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.919	Strain of unspecified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.919A	Strain of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.919D	Strain of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.919S	Strain of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S76.92	Laceration of unspecified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.921	Laceration of unspecified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.921A	Laceration of unspecified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.921D	Laceration of unspecified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.921S	Laceration of unspecified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.922	Laceration of unspecified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.922A	Laceration of unspecified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.922D	Laceration of unspecified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.922S	Laceration of unspecified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.929	Laceration of unspecified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.929A	Laceration of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.929D	Laceration of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.929S	Laceration of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S76.99	Other specified injury of unspecified muscles, fascia and tendons at thigh level	Diagnosis	ICD-10-CM
S76.991	Other specified injury of unspecified muscles, fascia and tendons at thigh level, right thigh	Diagnosis	ICD-10-CM
S76.991A	Other specified injury of unspecified muscles, fascia and tendons at thigh level, right thigh, initial encounter	Diagnosis	ICD-10-CM
S76.991D	Other specified injury of unspecified muscles, fascia and tendons at thigh level, right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.991S	Other specified injury of unspecified muscles, fascia and tendons at thigh level, right thigh, sequela	Diagnosis	ICD-10-CM
S76.992	Other specified injury of unspecified muscles, fascia and tendons at thigh level, left thigh	Diagnosis	ICD-10-CM
S76.992A	Other specified injury of unspecified muscles, fascia and tendons at thigh level, left thigh, initial encounter	Diagnosis	ICD-10-CM
S76.992D	Other specified injury of unspecified muscles, fascia and tendons at thigh level, left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.992S	Other specified injury of unspecified muscles, fascia and tendons at thigh level, left thigh, sequela	Diagnosis	ICD-10-CM
S76.999	Other specified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh	Diagnosis	ICD-10-CM
S76.999A	Other specified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S76.999D	Other specified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S76.999S	Other specified injury of unspecified muscles, fascia and tendons at thigh level, unspecified thigh, sequela	Diagnosis	ICD-10-CM
S77	Crushing injury of hip and thigh	Diagnosis	ICD-10-CM
S77.0	Crushing injury of hip	Diagnosis	ICD-10-CM
S77.00	Crushing injury of unspecified hip	Diagnosis	ICD-10-CM
S77.00XA	Crushing injury of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S77.00XD	Crushing injury of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S77.00XS	Crushing injury of unspecified hip, sequela	Diagnosis	ICD-10-CM
S77.01	Crushing injury of right hip	Diagnosis	ICD-10-CM
S77.01XA	Crushing injury of right hip, initial encounter	Diagnosis	ICD-10-CM
S77.01XD	Crushing injury of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S77.01XS	Crushing injury of right hip, sequela	Diagnosis	ICD-10-CM
S77.02	Crushing injury of left hip	Diagnosis	ICD-10-CM
S77.02XA	Crushing injury of left hip, initial encounter	Diagnosis	ICD-10-CM
S77.02XD	Crushing injury of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S77.02XS	Crushing injury of left hip, sequela	Diagnosis	ICD-10-CM
S77.1	Crushing injury of thigh	Diagnosis	ICD-10-CM
S77.10	Crushing injury of unspecified thigh	Diagnosis	ICD-10-CM
S77.10XA	Crushing injury of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S77.10XD	Crushing injury of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S77.10XS	Crushing injury of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S77.11	Crushing injury of right thigh	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S77.11XA	Crushing injury of right thigh, initial encounter	Diagnosis	ICD-10-CM
S77.11XD	Crushing injury of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S77.11XS	Crushing injury of right thigh, sequela	Diagnosis	ICD-10-CM
S77.12	Crushing injury of left thigh	Diagnosis	ICD-10-CM
S77.12XA	Crushing injury of left thigh, initial encounter	Diagnosis	ICD-10-CM
S77.12XD	Crushing injury of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S77.12XS	Crushing injury of left thigh, sequela	Diagnosis	ICD-10-CM
S77.2	Crushing injury of hip with thigh	Diagnosis	ICD-10-CM
S77.20	Crushing injury of unspecified hip with thigh	Diagnosis	ICD-10-CM
S77.20XA	Crushing injury of unspecified hip with thigh, initial encounter	Diagnosis	ICD-10-CM
S77.20XD	Crushing injury of unspecified hip with thigh, subsequent encounter	Diagnosis	ICD-10-CM
S77.20XS	Crushing injury of unspecified hip with thigh, sequela	Diagnosis	ICD-10-CM
S77.21	Crushing injury of right hip with thigh	Diagnosis	ICD-10-CM
S77.21XA	Crushing injury of right hip with thigh, initial encounter	Diagnosis	ICD-10-CM
S77.21XD	Crushing injury of right hip with thigh, subsequent encounter	Diagnosis	ICD-10-CM
S77.21XS	Crushing injury of right hip with thigh, sequela	Diagnosis	ICD-10-CM
S77.22	Crushing injury of left hip with thigh	Diagnosis	ICD-10-CM
S77.22XA	Crushing injury of left hip with thigh, initial encounter	Diagnosis	ICD-10-CM
S77.22XD	Crushing injury of left hip with thigh, subsequent encounter	Diagnosis	ICD-10-CM
S77.22XS	Crushing injury of left hip with thigh, sequela	Diagnosis	ICD-10-CM
S78	Traumatic amputation of hip and thigh	Diagnosis	ICD-10-CM
S78.0	Traumatic amputation at hip joint	Diagnosis	ICD-10-CM
S78.01	Complete traumatic amputation at hip joint	Diagnosis	ICD-10-CM
S78.011	Complete traumatic amputation at right hip joint	Diagnosis	ICD-10-CM
S78.011A	Complete traumatic amputation at right hip joint, initial encounter	Diagnosis	ICD-10-CM
S78.011D	Complete traumatic amputation at right hip joint, subsequent encounter	Diagnosis	ICD-10-CM
S78.011S	Complete traumatic amputation at right hip joint, sequela	Diagnosis	ICD-10-CM
S78.012	Complete traumatic amputation at left hip joint	Diagnosis	ICD-10-CM
S78.012A	Complete traumatic amputation at left hip joint, initial encounter	Diagnosis	ICD-10-CM
S78.012D	Complete traumatic amputation at left hip joint, subsequent encounter	Diagnosis	ICD-10-CM
S78.012S	Complete traumatic amputation at left hip joint, sequela	Diagnosis	ICD-10-CM
S78.019	Complete traumatic amputation at unspecified hip joint	Diagnosis	ICD-10-CM
S78.019A	Complete traumatic amputation at unspecified hip joint, initial encounter	Diagnosis	ICD-10-CM
S78.019D	Complete traumatic amputation at unspecified hip joint, subsequent encounter	Diagnosis	ICD-10-CM
S78.019S	Complete traumatic amputation at unspecified hip joint, sequela	Diagnosis	ICD-10-CM
S78.02	Partial traumatic amputation at hip joint	Diagnosis	ICD-10-CM
S78.021	Partial traumatic amputation at right hip joint	Diagnosis	ICD-10-CM
S78.021A	Partial traumatic amputation at right hip joint, initial encounter	Diagnosis	ICD-10-CM
S78.021D	Partial traumatic amputation at right hip joint, subsequent encounter	Diagnosis	ICD-10-CM
S78.021S	Partial traumatic amputation at right hip joint, sequela	Diagnosis	ICD-10-CM
S78.022	Partial traumatic amputation at left hip joint	Diagnosis	ICD-10-CM
S78.022A	Partial traumatic amputation at left hip joint, initial encounter	Diagnosis	ICD-10-CM
S78.022D	Partial traumatic amputation at left hip joint, subsequent encounter	Diagnosis	ICD-10-CM
S78.022S	Partial traumatic amputation at left hip joint, sequela	Diagnosis	ICD-10-CM
S78.029	Partial traumatic amputation at unspecified hip joint	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S78.029A	Partial traumatic amputation at unspecified hip joint, initial encounter	Diagnosis	ICD-10-CM
S78.029D	Partial traumatic amputation at unspecified hip joint, subsequent encounter	Diagnosis	ICD-10-CM
S78.029S	Partial traumatic amputation at unspecified hip joint, sequela	Diagnosis	ICD-10-CM
S78.1	Traumatic amputation at level between hip and knee	Diagnosis	ICD-10-CM
S78.11	Complete traumatic amputation at level between hip and knee	Diagnosis	ICD-10-CM
S78.111	Complete traumatic amputation at level between right hip and knee	Diagnosis	ICD-10-CM
S78.111A	Complete traumatic amputation at level between right hip and knee, initial encounter	Diagnosis	ICD-10-CM
S78.111D	Complete traumatic amputation at level between right hip and knee, subsequent encounter	Diagnosis	ICD-10-CM
S78.111S	Complete traumatic amputation at level between right hip and knee, sequela	Diagnosis	ICD-10-CM
S78.112	Complete traumatic amputation at level between left hip and knee	Diagnosis	ICD-10-CM
S78.112A	Complete traumatic amputation at level between left hip and knee, initial encounter	Diagnosis	ICD-10-CM
S78.112D	Complete traumatic amputation at level between left hip and knee, subsequent encounter	Diagnosis	ICD-10-CM
S78.112S	Complete traumatic amputation at level between left hip and knee, sequela	Diagnosis	ICD-10-CM
S78.119	Complete traumatic amputation at level between unspecified hip and knee	Diagnosis	ICD-10-CM
S78.119A	Complete traumatic amputation at level between unspecified hip and knee, initial encounter	Diagnosis	ICD-10-CM
S78.119D	Complete traumatic amputation at level between unspecified hip and knee, subsequent encounter	Diagnosis	ICD-10-CM
S78.119S	Complete traumatic amputation at level between unspecified hip and knee, sequela	Diagnosis	ICD-10-CM
S78.12	Partial traumatic amputation at level between hip and knee	Diagnosis	ICD-10-CM
S78.121	Partial traumatic amputation at level between right hip and knee	Diagnosis	ICD-10-CM
S78.121A	Partial traumatic amputation at level between right hip and knee, initial encounter	Diagnosis	ICD-10-CM
S78.121D	Partial traumatic amputation at level between right hip and knee, subsequent encounter	Diagnosis	ICD-10-CM
S78.121S	Partial traumatic amputation at level between right hip and knee, sequela	Diagnosis	ICD-10-CM
S78.122	Partial traumatic amputation at level between left hip and knee	Diagnosis	ICD-10-CM
S78.122A	Partial traumatic amputation at level between left hip and knee, initial encounter	Diagnosis	ICD-10-CM
S78.122D	Partial traumatic amputation at level between left hip and knee, subsequent encounter	Diagnosis	ICD-10-CM
S78.122S	Partial traumatic amputation at level between left hip and knee, sequela	Diagnosis	ICD-10-CM
S78.129	Partial traumatic amputation at level between unspecified hip and knee	Diagnosis	ICD-10-CM
S78.129A	Partial traumatic amputation at level between unspecified hip and knee, initial encounter	Diagnosis	ICD-10-CM
S78.129D	Partial traumatic amputation at level between unspecified hip and knee, subsequent encounter	Diagnosis	ICD-10-CM
S78.129S	Partial traumatic amputation at level between unspecified hip and knee, sequela	Diagnosis	ICD-10-CM
S78.9	Traumatic amputation of hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.91	Complete traumatic amputation of hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.911	Complete traumatic amputation of right hip and thigh, level unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S78.911A	Complete traumatic amputation of right hip and thigh, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S78.911D	Complete traumatic amputation of right hip and thigh, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S78.911S	Complete traumatic amputation of right hip and thigh, level unspecified, sequela	Diagnosis	ICD-10-CM
S78.912	Complete traumatic amputation of left hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.912A	Complete traumatic amputation of left hip and thigh, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S78.912D	Complete traumatic amputation of left hip and thigh, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S78.912S	Complete traumatic amputation of left hip and thigh, level unspecified, sequela	Diagnosis	ICD-10-CM
S78.919	Complete traumatic amputation of unspecified hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.919A	Complete traumatic amputation of unspecified hip and thigh, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S78.919D	Complete traumatic amputation of unspecified hip and thigh, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S78.919S	Complete traumatic amputation of unspecified hip and thigh, level unspecified, sequela	Diagnosis	ICD-10-CM
S78.92	Partial traumatic amputation of hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.921	Partial traumatic amputation of right hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.921A	Partial traumatic amputation of right hip and thigh, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S78.921D	Partial traumatic amputation of right hip and thigh, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S78.921S	Partial traumatic amputation of right hip and thigh, level unspecified, sequela	Diagnosis	ICD-10-CM
S78.922	Partial traumatic amputation of left hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.922A	Partial traumatic amputation of left hip and thigh, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S78.922D	Partial traumatic amputation of left hip and thigh, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S78.922S	Partial traumatic amputation of left hip and thigh, level unspecified, sequela	Diagnosis	ICD-10-CM
S78.929	Partial traumatic amputation of unspecified hip and thigh, level unspecified	Diagnosis	ICD-10-CM
S78.929A	Partial traumatic amputation of unspecified hip and thigh, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S78.929D	Partial traumatic amputation of unspecified hip and thigh, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S78.929S	Partial traumatic amputation of unspecified hip and thigh, level unspecified, sequela	Diagnosis	ICD-10-CM
S79	Other and unspecified injuries of hip and thigh	Diagnosis	ICD-10-CM
S79.0	Physeal fracture of upper end of femur	Diagnosis	ICD-10-CM
S79.00	Unspecified physeal fracture of upper end of femur	Diagnosis	ICD-10-CM
S79.001	Unspecified physeal fracture of upper end of right femur	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.001D	Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.001G	Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.001K	Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.001P	Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.001S	Unspecified physeal fracture of upper end of right femur, sequela	Diagnosis	ICD-10-CM
S79.002	Unspecified physeal fracture of upper end of left femur	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002D	Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.002G	Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.002K	Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.002P	Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.002S	Unspecified physeal fracture of upper end of left femur, sequela	Diagnosis	ICD-10-CM
S79.009	Unspecified physeal fracture of upper end of unspecified femur	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009D	Unspecified physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.009G	Unspecified physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.009K	Unspecified physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.009P	Unspecified physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.009S	Unspecified physeal fracture of upper end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.01	Salter-Harris Type I physeal fracture of upper end of femur	Diagnosis	ICD-10-CM
S79.011	Salter-Harris Type I physeal fracture of upper end of right femur	Diagnosis	ICD-10-CM
S79.011A	Salter-Harris Type I physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.011D	Salter-Harris Type I physeal fracture of upper end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.011G	Salter-Harris Type I physeal fracture of upper end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.011K	Salter-Harris Type I physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.011P	Salter-Harris Type I physeal fracture of upper end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.011S	Salter-Harris Type I physeal fracture of upper end of right femur, sequela	Diagnosis	ICD-10-CM
S79.012	Salter-Harris Type I physeal fracture of upper end of left femur	Diagnosis	ICD-10-CM
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.012D	Salter-Harris Type I physeal fracture of upper end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.012G	Salter-Harris Type I physeal fracture of upper end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.012K	Salter-Harris Type I physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.012P	Salter-Harris Type I physeal fracture of upper end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.012S	Salter-Harris Type I physeal fracture of upper end of left femur, sequela	Diagnosis	ICD-10-CM
S79.019	Salter-Harris Type I physeal fracture of upper end of unspecified femur	Diagnosis	ICD-10-CM
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.019D	Salter-Harris Type I physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.019G	Salter-Harris Type I physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.019K	Salter-Harris Type I physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.019P	Salter-Harris Type I physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.019S	Salter-Harris Type I physeal fracture of upper end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.09	Other physeal fracture of upper end of femur	Diagnosis	ICD-10-CM
S79.091	Other physeal fracture of upper end of right femur	Diagnosis	ICD-10-CM
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.091D	Other physeal fracture of upper end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.091G	Other physeal fracture of upper end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.091K	Other physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.091P	Other physeal fracture of upper end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.091S	Other physeal fracture of upper end of right femur, sequela	Diagnosis	ICD-10-CM
S79.092	Other physeal fracture of upper end of left femur	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092D	Other physeal fracture of upper end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.092G	Other physeal fracture of upper end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.092K	Other physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.092P	Other physeal fracture of upper end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.092S	Other physeal fracture of upper end of left femur, sequela	Diagnosis	ICD-10-CM
S79.099	Other physeal fracture of upper end of unspecified femur	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099D	Other physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.099G	Other physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.099K	Other physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.099P	Other physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.099S	Other physeal fracture of upper end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.1	Physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.10	Unspecified physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.101	Unspecified physeal fracture of lower end of right femur	Diagnosis	ICD-10-CM
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.101D	Unspecified physeal fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.101G	Unspecified physeal fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.101K	Unspecified physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.101P	Unspecified physeal fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.101S	Unspecified physeal fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S79.102	Unspecified physeal fracture of lower end of left femur	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102D	Unspecified physeal fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.102G	Unspecified physeal fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.102K	Unspecified physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.102P	Unspecified physeal fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.102S	Unspecified physeal fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S79.109	Unspecified physeal fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109D	Unspecified physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.109G	Unspecified physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.109K	Unspecified physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.109P	Unspecified physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.109S	Unspecified physeal fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.11	Salter-Harris Type I physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.111	Salter-Harris Type I physeal fracture of lower end of right femur	Diagnosis	ICD-10-CM
S79.111A	Salter-Harris Type I physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.111D	Salter-Harris Type I physeal fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.111G	Salter-Harris Type I physeal fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.111K	Salter-Harris Type I physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.111P	Salter-Harris Type I physeal fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.111S	Salter-Harris Type I physeal fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S79.112	Salter-Harris Type I physeal fracture of lower end of left femur	Diagnosis	ICD-10-CM
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.112D	Salter-Harris Type I physeal fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.112G	Salter-Harris Type I physeal fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.112K	Salter-Harris Type I physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.112P	Salter-Harris Type I physeal fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.112S	Salter-Harris Type I physeal fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S79.119	Salter-Harris Type I physeal fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S79.119A	Salter-Harris Type I physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.119D	Salter-Harris Type I physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.119G	Salter-Harris Type I physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.119K	Salter-Harris Type I physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.119P	Salter-Harris Type I physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.119S	Salter-Harris Type I physeal fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.12	Salter-Harris Type II physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.121	Salter-Harris Type II physeal fracture of lower end of right femur	Diagnosis	ICD-10-CM
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.121D	Salter-Harris Type II physeal fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.121G	Salter-Harris Type II physeal fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.121K	Salter-Harris Type II physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.121P	Salter-Harris Type II physeal fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.121S	Salter-Harris Type II physeal fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S79.122	Salter-Harris Type II physeal fracture of lower end of left femur	Diagnosis	ICD-10-CM
S79.122A	Salter-Harris Type II physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.122D	Salter-Harris Type II physeal fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.122G	Salter-Harris Type II physeal fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.122K	Salter-Harris Type II physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.122P	Salter-Harris Type II physeal fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.122S	Salter-Harris Type II physeal fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S79.129	Salter-Harris Type II physeal fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.129D	Salter-Harris Type II physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.129G	Salter-Harris Type II physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.129K	Salter-Harris Type II physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.129P	Salter-Harris Type II physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.129S	Salter-Harris Type II physeal fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.13	Salter-Harris Type III physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.131	Salter-Harris Type III physeal fracture of lower end of right femur	Diagnosis	ICD-10-CM
S79.131A	Salter-Harris Type III physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S79.131D	Salter-Harris Type III physeal fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.131G	Salter-Harris Type III physeal fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.131K	Salter-Harris Type III physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.131P	Salter-Harris Type III physeal fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.131S	Salter-Harris Type III physeal fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S79.132	Salter-Harris Type III physeal fracture of lower end of left femur	Diagnosis	ICD-10-CM
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.132D	Salter-Harris Type III physeal fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.132G	Salter-Harris Type III physeal fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.132K	Salter-Harris Type III physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.132P	Salter-Harris Type III physeal fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.132S	Salter-Harris Type III physeal fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S79.139	Salter-Harris Type III physeal fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S79.139A	Salter-Harris Type III physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.139D	Salter-Harris Type III physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.139G	Salter-Harris Type III physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.139K	Salter-Harris Type III physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.139P	Salter-Harris Type III physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.139S	Salter-Harris Type III physeal fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.14	Salter-Harris Type IV physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.141	Salter-Harris Type IV physeal fracture of lower end of right femur	Diagnosis	ICD-10-CM
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.141D	Salter-Harris Type IV physeal fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.141G	Salter-Harris Type IV physeal fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.141K	Salter-Harris Type IV physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.141P	Salter-Harris Type IV physeal fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.141S	Salter-Harris Type IV physeal fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S79.142	Salter-Harris Type IV physeal fracture of lower end of left femur	Diagnosis	ICD-10-CM
S79.142A	Salter-Harris Type IV physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.142D	Salter-Harris Type IV physeal fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.142G	Salter-Harris Type IV physeal fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.142K	Salter-Harris Type IV physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.142P	Salter-Harris Type IV physeal fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.142S	Salter-Harris Type IV physeal fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S79.149	Salter-Harris Type IV physeal fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.149D	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.149G	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.149K	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.149P	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.149S	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.19	Other physeal fracture of lower end of femur	Diagnosis	ICD-10-CM
S79.191	Other physeal fracture of lower end of right femur	Diagnosis	ICD-10-CM
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.191D	Other physeal fracture of lower end of right femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.191G	Other physeal fracture of lower end of right femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.191K	Other physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.191P	Other physeal fracture of lower end of right femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.191S	Other physeal fracture of lower end of right femur, sequela	Diagnosis	ICD-10-CM
S79.192	Other physeal fracture of lower end of left femur	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192D	Other physeal fracture of lower end of left femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.192G	Other physeal fracture of lower end of left femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.192K	Other physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.192P	Other physeal fracture of lower end of left femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.192S	Other physeal fracture of lower end of left femur, sequela	Diagnosis	ICD-10-CM
S79.199	Other physeal fracture of lower end of unspecified femur	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199D	Other physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S79.199G	Other physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S79.199K	Other physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S79.199P	Other physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S79.199S	Other physeal fracture of lower end of unspecified femur, sequela	Diagnosis	ICD-10-CM
S79.8	Other specified injuries of hip and thigh	Diagnosis	ICD-10-CM
S79.81	Other specified injuries of hip	Diagnosis	ICD-10-CM
S79.811	Other specified injuries of right hip	Diagnosis	ICD-10-CM
S79.811A	Other specified injuries of right hip, initial encounter	Diagnosis	ICD-10-CM
S79.811D	Other specified injuries of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S79.811S	Other specified injuries of right hip, sequela	Diagnosis	ICD-10-CM
S79.812	Other specified injuries of left hip	Diagnosis	ICD-10-CM
S79.812A	Other specified injuries of left hip, initial encounter	Diagnosis	ICD-10-CM
S79.812D	Other specified injuries of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S79.812S	Other specified injuries of left hip, sequela	Diagnosis	ICD-10-CM
S79.819	Other specified injuries of unspecified hip	Diagnosis	ICD-10-CM
S79.819A	Other specified injuries of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S79.819D	Other specified injuries of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S79.819S	Other specified injuries of unspecified hip, sequela	Diagnosis	ICD-10-CM
S79.82	Other specified injuries of thigh	Diagnosis	ICD-10-CM
S79.821	Other specified injuries of right thigh	Diagnosis	ICD-10-CM
S79.821A	Other specified injuries of right thigh, initial encounter	Diagnosis	ICD-10-CM
S79.821D	Other specified injuries of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S79.821S	Other specified injuries of right thigh, sequela	Diagnosis	ICD-10-CM
S79.822	Other specified injuries of left thigh	Diagnosis	ICD-10-CM
S79.822A	Other specified injuries of left thigh, initial encounter	Diagnosis	ICD-10-CM
S79.822D	Other specified injuries of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S79.822S	Other specified injuries of left thigh, sequela	Diagnosis	ICD-10-CM
S79.829	Other specified injuries of unspecified thigh	Diagnosis	ICD-10-CM
S79.829A	Other specified injuries of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S79.829D	Other specified injuries of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S79.829S	Other specified injuries of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S79.9	Unspecified injury of hip and thigh	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S79.91	Unspecified injury of hip	Diagnosis	ICD-10-CM
S79.911	Unspecified injury of right hip	Diagnosis	ICD-10-CM
S79.911A	Unspecified injury of right hip, initial encounter	Diagnosis	ICD-10-CM
S79.911D	Unspecified injury of right hip, subsequent encounter	Diagnosis	ICD-10-CM
S79.911S	Unspecified injury of right hip, sequela	Diagnosis	ICD-10-CM
S79.912	Unspecified injury of left hip	Diagnosis	ICD-10-CM
S79.912A	Unspecified injury of left hip, initial encounter	Diagnosis	ICD-10-CM
S79.912D	Unspecified injury of left hip, subsequent encounter	Diagnosis	ICD-10-CM
S79.912S	Unspecified injury of left hip, sequela	Diagnosis	ICD-10-CM
S79.919	Unspecified injury of unspecified hip	Diagnosis	ICD-10-CM
S79.919A	Unspecified injury of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S79.919D	Unspecified injury of unspecified hip, subsequent encounter	Diagnosis	ICD-10-CM
S79.919S	Unspecified injury of unspecified hip, sequela	Diagnosis	ICD-10-CM
S79.92	Unspecified injury of thigh	Diagnosis	ICD-10-CM
S79.921	Unspecified injury of right thigh	Diagnosis	ICD-10-CM
S79.921A	Unspecified injury of right thigh, initial encounter	Diagnosis	ICD-10-CM
S79.921D	Unspecified injury of right thigh, subsequent encounter	Diagnosis	ICD-10-CM
S79.921S	Unspecified injury of right thigh, sequela	Diagnosis	ICD-10-CM
S79.922	Unspecified injury of left thigh	Diagnosis	ICD-10-CM
S79.922A	Unspecified injury of left thigh, initial encounter	Diagnosis	ICD-10-CM
S79.922D	Unspecified injury of left thigh, subsequent encounter	Diagnosis	ICD-10-CM
S79.922S	Unspecified injury of left thigh, sequela	Diagnosis	ICD-10-CM
S79.929	Unspecified injury of unspecified thigh	Diagnosis	ICD-10-CM
S79.929A	Unspecified injury of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S79.929D	Unspecified injury of unspecified thigh, subsequent encounter	Diagnosis	ICD-10-CM
S79.929S	Unspecified injury of unspecified thigh, sequela	Diagnosis	ICD-10-CM
S80	Superficial injury of knee and lower leg	Diagnosis	ICD-10-CM
S80.0	Contusion of knee	Diagnosis	ICD-10-CM
S80.00	Contusion of unspecified knee	Diagnosis	ICD-10-CM
S80.00XA	Contusion of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.00XD	Contusion of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.00XS	Contusion of unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.01	Contusion of right knee	Diagnosis	ICD-10-CM
S80.01XA	Contusion of right knee, initial encounter	Diagnosis	ICD-10-CM
S80.01XD	Contusion of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.01XS	Contusion of right knee, sequela	Diagnosis	ICD-10-CM
S80.02	Contusion of left knee	Diagnosis	ICD-10-CM
S80.02XA	Contusion of left knee, initial encounter	Diagnosis	ICD-10-CM
S80.02XD	Contusion of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.02XS	Contusion of left knee, sequela	Diagnosis	ICD-10-CM
S80.1	Contusion of lower leg	Diagnosis	ICD-10-CM
S80.10	Contusion of unspecified lower leg	Diagnosis	ICD-10-CM
S80.10XA	Contusion of unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.10XD	Contusion of unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.10XS	Contusion of unspecified lower leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S80.11	Contusion of right lower leg	Diagnosis	ICD-10-CM
S80.11XA	Contusion of right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.11XD	Contusion of right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.11XS	Contusion of right lower leg, sequela	Diagnosis	ICD-10-CM
S80.12	Contusion of left lower leg	Diagnosis	ICD-10-CM
S80.12XA	Contusion of left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.12XD	Contusion of left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.12XS	Contusion of left lower leg, sequela	Diagnosis	ICD-10-CM
S80.2	Other superficial injuries of knee	Diagnosis	ICD-10-CM
S80.21	Abrasion of knee	Diagnosis	ICD-10-CM
S80.211	Abrasion, right knee	Diagnosis	ICD-10-CM
S80.211A	Abrasion, right knee, initial encounter	Diagnosis	ICD-10-CM
S80.211D	Abrasion, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.211S	Abrasion, right knee, sequela	Diagnosis	ICD-10-CM
S80.212	Abrasion, left knee	Diagnosis	ICD-10-CM
S80.212A	Abrasion, left knee, initial encounter	Diagnosis	ICD-10-CM
S80.212D	Abrasion, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.212S	Abrasion, left knee, sequela	Diagnosis	ICD-10-CM
S80.219	Abrasion, unspecified knee	Diagnosis	ICD-10-CM
S80.219A	Abrasion, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.219D	Abrasion, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.219S	Abrasion, unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.22	Blister (nonthermal) of knee	Diagnosis	ICD-10-CM
S80.221	Blister (nonthermal), right knee	Diagnosis	ICD-10-CM
S80.221A	Blister (nonthermal), right knee, initial encounter	Diagnosis	ICD-10-CM
S80.221D	Blister (nonthermal), right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.221S	Blister (nonthermal), right knee, sequela	Diagnosis	ICD-10-CM
S80.222	Blister (nonthermal), left knee	Diagnosis	ICD-10-CM
S80.222A	Blister (nonthermal), left knee, initial encounter	Diagnosis	ICD-10-CM
S80.222D	Blister (nonthermal), left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.222S	Blister (nonthermal), left knee, sequela	Diagnosis	ICD-10-CM
S80.229	Blister (nonthermal), unspecified knee	Diagnosis	ICD-10-CM
S80.229A	Blister (nonthermal), unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.229D	Blister (nonthermal), unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.229S	Blister (nonthermal), unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.24	External constriction of knee	Diagnosis	ICD-10-CM
S80.241	External constriction, right knee	Diagnosis	ICD-10-CM
S80.241A	External constriction, right knee, initial encounter	Diagnosis	ICD-10-CM
S80.241D	External constriction, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.241S	External constriction, right knee, sequela	Diagnosis	ICD-10-CM
S80.242	External constriction, left knee	Diagnosis	ICD-10-CM
S80.242A	External constriction, left knee, initial encounter	Diagnosis	ICD-10-CM
S80.242D	External constriction, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.242S	External constriction, left knee, sequela	Diagnosis	ICD-10-CM
S80.249	External constriction, unspecified knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S80.249A	External constriction, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.249D	External constriction, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.249S	External constriction, unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.25	Superficial foreign body of knee	Diagnosis	ICD-10-CM
S80.251	Superficial foreign body, right knee	Diagnosis	ICD-10-CM
S80.251A	Superficial foreign body, right knee, initial encounter	Diagnosis	ICD-10-CM
S80.251D	Superficial foreign body, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.251S	Superficial foreign body, right knee, sequela	Diagnosis	ICD-10-CM
S80.252	Superficial foreign body, left knee	Diagnosis	ICD-10-CM
S80.252A	Superficial foreign body, left knee, initial encounter	Diagnosis	ICD-10-CM
S80.252D	Superficial foreign body, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.252S	Superficial foreign body, left knee, sequela	Diagnosis	ICD-10-CM
S80.259	Superficial foreign body, unspecified knee	Diagnosis	ICD-10-CM
S80.259A	Superficial foreign body, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.259D	Superficial foreign body, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.259S	Superficial foreign body, unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.26	Insect bite (nonvenomous) of knee	Diagnosis	ICD-10-CM
S80.261	Insect bite (nonvenomous), right knee	Diagnosis	ICD-10-CM
S80.261A	Insect bite (nonvenomous), right knee, initial encounter	Diagnosis	ICD-10-CM
S80.261D	Insect bite (nonvenomous), right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.261S	Insect bite (nonvenomous), right knee, sequela	Diagnosis	ICD-10-CM
S80.262	Insect bite (nonvenomous), left knee	Diagnosis	ICD-10-CM
S80.262A	Insect bite (nonvenomous), left knee, initial encounter	Diagnosis	ICD-10-CM
S80.262D	Insect bite (nonvenomous), left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.262S	Insect bite (nonvenomous), left knee, sequela	Diagnosis	ICD-10-CM
S80.269	Insect bite (nonvenomous), unspecified knee	Diagnosis	ICD-10-CM
S80.269A	Insect bite (nonvenomous), unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.269D	Insect bite (nonvenomous), unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.269S	Insect bite (nonvenomous), unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.27	Other superficial bite of knee	Diagnosis	ICD-10-CM
S80.271	Other superficial bite of right knee	Diagnosis	ICD-10-CM
S80.271A	Other superficial bite of right knee, initial encounter	Diagnosis	ICD-10-CM
S80.271D	Other superficial bite of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.271S	Other superficial bite of right knee, sequela	Diagnosis	ICD-10-CM
S80.272	Other superficial bite of left knee	Diagnosis	ICD-10-CM
S80.272A	Other superficial bite of left knee, initial encounter	Diagnosis	ICD-10-CM
S80.272D	Other superficial bite of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.272S	Other superficial bite of left knee, sequela	Diagnosis	ICD-10-CM
S80.279	Other superficial bite of unspecified knee	Diagnosis	ICD-10-CM
S80.279A	Other superficial bite of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.279D	Other superficial bite of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.279S	Other superficial bite of unspecified knee, sequela	Diagnosis	ICD-10-CM
S80.8	Other superficial injuries of lower leg	Diagnosis	ICD-10-CM
S80.81	Abrasion of lower leg	Diagnosis	ICD-10-CM
S80.811	Abrasion, right lower leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S80.811A	Abrasion, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.811D	Abrasion, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.811S	Abrasion, right lower leg, sequela	Diagnosis	ICD-10-CM
S80.812	Abrasion, left lower leg	Diagnosis	ICD-10-CM
S80.812A	Abrasion, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.812D	Abrasion, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.812S	Abrasion, left lower leg, sequela	Diagnosis	ICD-10-CM
S80.819	Abrasion, unspecified lower leg	Diagnosis	ICD-10-CM
S80.819A	Abrasion, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.819D	Abrasion, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.819S	Abrasion, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S80.82	Blister (nonthermal) of lower leg	Diagnosis	ICD-10-CM
S80.821	Blister (nonthermal), right lower leg	Diagnosis	ICD-10-CM
S80.821A	Blister (nonthermal), right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.821D	Blister (nonthermal), right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.821S	Blister (nonthermal), right lower leg, sequela	Diagnosis	ICD-10-CM
S80.822	Blister (nonthermal), left lower leg	Diagnosis	ICD-10-CM
S80.822A	Blister (nonthermal), left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.822D	Blister (nonthermal), left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.822S	Blister (nonthermal), left lower leg, sequela	Diagnosis	ICD-10-CM
S80.829	Blister (nonthermal), unspecified lower leg	Diagnosis	ICD-10-CM
S80.829A	Blister (nonthermal), unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.829D	Blister (nonthermal), unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.829S	Blister (nonthermal), unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S80.84	External constriction of lower leg	Diagnosis	ICD-10-CM
S80.841	External constriction, right lower leg	Diagnosis	ICD-10-CM
S80.841A	External constriction, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.841D	External constriction, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.841S	External constriction, right lower leg, sequela	Diagnosis	ICD-10-CM
S80.842	External constriction, left lower leg	Diagnosis	ICD-10-CM
S80.842A	External constriction, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.842D	External constriction, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.842S	External constriction, left lower leg, sequela	Diagnosis	ICD-10-CM
S80.849	External constriction, unspecified lower leg	Diagnosis	ICD-10-CM
S80.849A	External constriction, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.849D	External constriction, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.849S	External constriction, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S80.85	Superficial foreign body of lower leg	Diagnosis	ICD-10-CM
S80.851	Superficial foreign body, right lower leg	Diagnosis	ICD-10-CM
S80.851A	Superficial foreign body, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.851D	Superficial foreign body, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.851S	Superficial foreign body, right lower leg, sequela	Diagnosis	ICD-10-CM
S80.852	Superficial foreign body, left lower leg	Diagnosis	ICD-10-CM
S80.852A	Superficial foreign body, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.852D	Superficial foreign body, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S80.852S	Superficial foreign body, left lower leg, sequela	Diagnosis	ICD-10-CM
S80.859	Superficial foreign body, unspecified lower leg	Diagnosis	ICD-10-CM
S80.859A	Superficial foreign body, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.859D	Superficial foreign body, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.859S	Superficial foreign body, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S80.86	Insect bite (nonvenomous) of lower leg	Diagnosis	ICD-10-CM
S80.861	Insect bite (nonvenomous), right lower leg	Diagnosis	ICD-10-CM
S80.861A	Insect bite (nonvenomous), right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.861D	Insect bite (nonvenomous), right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.861S	Insect bite (nonvenomous), right lower leg, sequela	Diagnosis	ICD-10-CM
S80.862	Insect bite (nonvenomous), left lower leg	Diagnosis	ICD-10-CM
S80.862A	Insect bite (nonvenomous), left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.862D	Insect bite (nonvenomous), left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.862S	Insect bite (nonvenomous), left lower leg, sequela	Diagnosis	ICD-10-CM
S80.869	Insect bite (nonvenomous), unspecified lower leg	Diagnosis	ICD-10-CM
S80.869A	Insect bite (nonvenomous), unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.869D	Insect bite (nonvenomous), unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.869S	Insect bite (nonvenomous), unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S80.87	Other superficial bite of lower leg	Diagnosis	ICD-10-CM
S80.871	Other superficial bite, right lower leg	Diagnosis	ICD-10-CM
S80.871A	Other superficial bite, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.871D	Other superficial bite, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.871S	Other superficial bite, right lower leg, sequela	Diagnosis	ICD-10-CM
S80.872	Other superficial bite, left lower leg	Diagnosis	ICD-10-CM
S80.872A	Other superficial bite, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.872D	Other superficial bite, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.872S	Other superficial bite, left lower leg, sequela	Diagnosis	ICD-10-CM
S80.879	Other superficial bite, unspecified lower leg	Diagnosis	ICD-10-CM
S80.879A	Other superficial bite, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.879D	Other superficial bite, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.879S	Other superficial bite, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S80.9	Unspecified superficial injury of knee and lower leg	Diagnosis	ICD-10-CM
S80.91	Unspecified superficial injury of knee	Diagnosis	ICD-10-CM
S80.911	Unspecified superficial injury of right knee	Diagnosis	ICD-10-CM
S80.911A	Unspecified superficial injury of right knee, initial encounter	Diagnosis	ICD-10-CM
S80.911D	Unspecified superficial injury of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.911S	Unspecified superficial injury of right knee, sequela	Diagnosis	ICD-10-CM
S80.912	Unspecified superficial injury of left knee	Diagnosis	ICD-10-CM
S80.912A	Unspecified superficial injury of left knee, initial encounter	Diagnosis	ICD-10-CM
S80.912D	Unspecified superficial injury of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.912S	Unspecified superficial injury of left knee, sequela	Diagnosis	ICD-10-CM
S80.919	Unspecified superficial injury of unspecified knee	Diagnosis	ICD-10-CM
S80.919A	Unspecified superficial injury of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S80.919D	Unspecified superficial injury of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S80.919S	Unspecified superficial injury of unspecified knee, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S80.92	Unspecified superficial injury of lower leg	Diagnosis	ICD-10-CM
S80.921	Unspecified superficial injury of right lower leg	Diagnosis	ICD-10-CM
S80.921A	Unspecified superficial injury of right lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.921D	Unspecified superficial injury of right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.921S	Unspecified superficial injury of right lower leg, sequela	Diagnosis	ICD-10-CM
S80.922	Unspecified superficial injury of left lower leg	Diagnosis	ICD-10-CM
S80.922A	Unspecified superficial injury of left lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.922D	Unspecified superficial injury of left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.922S	Unspecified superficial injury of left lower leg, sequela	Diagnosis	ICD-10-CM
S80.929	Unspecified superficial injury of unspecified lower leg	Diagnosis	ICD-10-CM
S80.929A	Unspecified superficial injury of unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S80.929D	Unspecified superficial injury of unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S80.929S	Unspecified superficial injury of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S81	Open wound of knee and lower leg	Diagnosis	ICD-10-CM
S81.0	Open wound of knee	Diagnosis	ICD-10-CM
S81.00	Unspecified open wound of knee	Diagnosis	ICD-10-CM
S81.001	Unspecified open wound, right knee	Diagnosis	ICD-10-CM
S81.001A	Unspecified open wound, right knee, initial encounter	Diagnosis	ICD-10-CM
S81.001D	Unspecified open wound, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.001S	Unspecified open wound, right knee, sequela	Diagnosis	ICD-10-CM
S81.002	Unspecified open wound, left knee	Diagnosis	ICD-10-CM
S81.002A	Unspecified open wound, left knee, initial encounter	Diagnosis	ICD-10-CM
S81.002D	Unspecified open wound, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.002S	Unspecified open wound, left knee, sequela	Diagnosis	ICD-10-CM
S81.009	Unspecified open wound, unspecified knee	Diagnosis	ICD-10-CM
S81.009A	Unspecified open wound, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S81.009D	Unspecified open wound, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.009S	Unspecified open wound, unspecified knee, sequela	Diagnosis	ICD-10-CM
S81.01	Laceration without foreign body of knee	Diagnosis	ICD-10-CM
S81.011	Laceration without foreign body, right knee	Diagnosis	ICD-10-CM
S81.011A	Laceration without foreign body, right knee, initial encounter	Diagnosis	ICD-10-CM
S81.011D	Laceration without foreign body, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.011S	Laceration without foreign body, right knee, sequela	Diagnosis	ICD-10-CM
S81.012	Laceration without foreign body, left knee	Diagnosis	ICD-10-CM
S81.012A	Laceration without foreign body, left knee, initial encounter	Diagnosis	ICD-10-CM
S81.012D	Laceration without foreign body, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.012S	Laceration without foreign body, left knee, sequela	Diagnosis	ICD-10-CM
S81.019	Laceration without foreign body, unspecified knee	Diagnosis	ICD-10-CM
S81.019A	Laceration without foreign body, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S81.019D	Laceration without foreign body, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.019S	Laceration without foreign body, unspecified knee, sequela	Diagnosis	ICD-10-CM
S81.02	Laceration with foreign body of knee	Diagnosis	ICD-10-CM
S81.021	Laceration with foreign body, right knee	Diagnosis	ICD-10-CM
S81.021A	Laceration with foreign body, right knee, initial encounter	Diagnosis	ICD-10-CM
S81.021D	Laceration with foreign body, right knee, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S81.021S	Laceration with foreign body, right knee, sequela	Diagnosis	ICD-10-CM
S81.022	Laceration with foreign body, left knee	Diagnosis	ICD-10-CM
S81.022A	Laceration with foreign body, left knee, initial encounter	Diagnosis	ICD-10-CM
S81.022D	Laceration with foreign body, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.022S	Laceration with foreign body, left knee, sequela	Diagnosis	ICD-10-CM
S81.029	Laceration with foreign body, unspecified knee	Diagnosis	ICD-10-CM
S81.029A	Laceration with foreign body, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S81.029D	Laceration with foreign body, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.029S	Laceration with foreign body, unspecified knee, sequela	Diagnosis	ICD-10-CM
S81.03	Puncture wound without foreign body of knee	Diagnosis	ICD-10-CM
S81.031	Puncture wound without foreign body, right knee	Diagnosis	ICD-10-CM
S81.031A	Puncture wound without foreign body, right knee, initial encounter	Diagnosis	ICD-10-CM
S81.031D	Puncture wound without foreign body, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.031S	Puncture wound without foreign body, right knee, sequela	Diagnosis	ICD-10-CM
S81.032	Puncture wound without foreign body, left knee	Diagnosis	ICD-10-CM
S81.032A	Puncture wound without foreign body, left knee, initial encounter	Diagnosis	ICD-10-CM
S81.032D	Puncture wound without foreign body, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.032S	Puncture wound without foreign body, left knee, sequela	Diagnosis	ICD-10-CM
S81.039	Puncture wound without foreign body, unspecified knee	Diagnosis	ICD-10-CM
S81.039A	Puncture wound without foreign body, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S81.039D	Puncture wound without foreign body, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.039S	Puncture wound without foreign body, unspecified knee, sequela	Diagnosis	ICD-10-CM
S81.04	Puncture wound with foreign body of knee	Diagnosis	ICD-10-CM
S81.041	Puncture wound with foreign body, right knee	Diagnosis	ICD-10-CM
S81.041A	Puncture wound with foreign body, right knee, initial encounter	Diagnosis	ICD-10-CM
S81.041D	Puncture wound with foreign body, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.041S	Puncture wound with foreign body, right knee, sequela	Diagnosis	ICD-10-CM
S81.042	Puncture wound with foreign body, left knee	Diagnosis	ICD-10-CM
S81.042A	Puncture wound with foreign body, left knee, initial encounter	Diagnosis	ICD-10-CM
S81.042D	Puncture wound with foreign body, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.042S	Puncture wound with foreign body, left knee, sequela	Diagnosis	ICD-10-CM
S81.049	Puncture wound with foreign body, unspecified knee	Diagnosis	ICD-10-CM
S81.049A	Puncture wound with foreign body, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S81.049D	Puncture wound with foreign body, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.049S	Puncture wound with foreign body, unspecified knee, sequela	Diagnosis	ICD-10-CM
S81.05	Open bite of knee	Diagnosis	ICD-10-CM
S81.051	Open bite, right knee	Diagnosis	ICD-10-CM
S81.051A	Open bite, right knee, initial encounter	Diagnosis	ICD-10-CM
S81.051D	Open bite, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.051S	Open bite, right knee, sequela	Diagnosis	ICD-10-CM
S81.052	Open bite, left knee	Diagnosis	ICD-10-CM
S81.052A	Open bite, left knee, initial encounter	Diagnosis	ICD-10-CM
S81.052D	Open bite, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.052S	Open bite, left knee, sequela	Diagnosis	ICD-10-CM
S81.059	Open bite, unspecified knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S81.059A	Open bite, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S81.059D	Open bite, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S81.059S	Open bite, unspecified knee, sequela	Diagnosis	ICD-10-CM
S81.8	Open wound of lower leg	Diagnosis	ICD-10-CM
S81.80	Unspecified open wound of lower leg	Diagnosis	ICD-10-CM
S81.801	Unspecified open wound, right lower leg	Diagnosis	ICD-10-CM
S81.801A	Unspecified open wound, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.801D	Unspecified open wound, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.801S	Unspecified open wound, right lower leg, sequela	Diagnosis	ICD-10-CM
S81.802	Unspecified open wound, left lower leg	Diagnosis	ICD-10-CM
S81.802A	Unspecified open wound, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.802D	Unspecified open wound, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.802S	Unspecified open wound, left lower leg, sequela	Diagnosis	ICD-10-CM
S81.809	Unspecified open wound, unspecified lower leg	Diagnosis	ICD-10-CM
S81.809A	Unspecified open wound, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.809D	Unspecified open wound, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.809S	Unspecified open wound, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S81.81	Laceration without foreign body of lower leg	Diagnosis	ICD-10-CM
S81.811	Laceration without foreign body, right lower leg	Diagnosis	ICD-10-CM
S81.811A	Laceration without foreign body, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.811D	Laceration without foreign body, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.811S	Laceration without foreign body, right lower leg, sequela	Diagnosis	ICD-10-CM
S81.812	Laceration without foreign body, left lower leg	Diagnosis	ICD-10-CM
S81.812A	Laceration without foreign body, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.812D	Laceration without foreign body, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.812S	Laceration without foreign body, left lower leg, sequela	Diagnosis	ICD-10-CM
S81.819	Laceration without foreign body, unspecified lower leg	Diagnosis	ICD-10-CM
S81.819A	Laceration without foreign body, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.819D	Laceration without foreign body, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.819S	Laceration without foreign body, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S81.82	Laceration with foreign body of lower leg	Diagnosis	ICD-10-CM
S81.821	Laceration with foreign body, right lower leg	Diagnosis	ICD-10-CM
S81.821A	Laceration with foreign body, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.821D	Laceration with foreign body, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.821S	Laceration with foreign body, right lower leg, sequela	Diagnosis	ICD-10-CM
S81.822	Laceration with foreign body, left lower leg	Diagnosis	ICD-10-CM
S81.822A	Laceration with foreign body, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.822D	Laceration with foreign body, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.822S	Laceration with foreign body, left lower leg, sequela	Diagnosis	ICD-10-CM
S81.829	Laceration with foreign body, unspecified lower leg	Diagnosis	ICD-10-CM
S81.829A	Laceration with foreign body, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.829D	Laceration with foreign body, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.829S	Laceration with foreign body, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S81.83	Puncture wound without foreign body of lower leg	Diagnosis	ICD-10-CM
S81.831	Puncture wound without foreign body, right lower leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S81.831A	Puncture wound without foreign body, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.831D	Puncture wound without foreign body, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.831S	Puncture wound without foreign body, right lower leg, sequela	Diagnosis	ICD-10-CM
S81.832	Puncture wound without foreign body, left lower leg	Diagnosis	ICD-10-CM
S81.832A	Puncture wound without foreign body, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.832D	Puncture wound without foreign body, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.832S	Puncture wound without foreign body, left lower leg, sequela	Diagnosis	ICD-10-CM
S81.839	Puncture wound without foreign body, unspecified lower leg	Diagnosis	ICD-10-CM
S81.839A	Puncture wound without foreign body, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.839D	Puncture wound without foreign body, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.839S	Puncture wound without foreign body, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S81.84	Puncture wound with foreign body of lower leg	Diagnosis	ICD-10-CM
S81.841	Puncture wound with foreign body, right lower leg	Diagnosis	ICD-10-CM
S81.841A	Puncture wound with foreign body, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.841D	Puncture wound with foreign body, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.841S	Puncture wound with foreign body, right lower leg, sequela	Diagnosis	ICD-10-CM
S81.842	Puncture wound with foreign body, left lower leg	Diagnosis	ICD-10-CM
S81.842A	Puncture wound with foreign body, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.842D	Puncture wound with foreign body, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.842S	Puncture wound with foreign body, left lower leg, sequela	Diagnosis	ICD-10-CM
S81.849	Puncture wound with foreign body, unspecified lower leg	Diagnosis	ICD-10-CM
S81.849A	Puncture wound with foreign body, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.849D	Puncture wound with foreign body, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.849S	Puncture wound with foreign body, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S81.85	Open bite of lower leg	Diagnosis	ICD-10-CM
S81.851	Open bite, right lower leg	Diagnosis	ICD-10-CM
S81.851A	Open bite, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.851D	Open bite, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.851S	Open bite, right lower leg, sequela	Diagnosis	ICD-10-CM
S81.852	Open bite, left lower leg	Diagnosis	ICD-10-CM
S81.852A	Open bite, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.852D	Open bite, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.852S	Open bite, left lower leg, sequela	Diagnosis	ICD-10-CM
S81.859	Open bite, unspecified lower leg	Diagnosis	ICD-10-CM
S81.859A	Open bite, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S81.859D	Open bite, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S81.859S	Open bite, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82	Fracture of lower leg, including ankle	Diagnosis	ICD-10-CM
S82.0	Fracture of patella	Diagnosis	ICD-10-CM
S82.00	Unspecified fracture of patella	Diagnosis	ICD-10-CM
S82.001	Unspecified fracture of right patella	Diagnosis	ICD-10-CM
S82.001A	Unspecified fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.001B	Unspecified fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.001C	Unspecified fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.001D	Unspecified fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.001E	Unspecified fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.001F	Unspecified fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.001G	Unspecified fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.001H	Unspecified fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.001J	Unspecified fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.001K	Unspecified fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.001M	Unspecified fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.001N	Unspecified fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.001P	Unspecified fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.001Q	Unspecified fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.001R	Unspecified fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.001S	Unspecified fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.002	Unspecified fracture of left patella	Diagnosis	ICD-10-CM
S82.002A	Unspecified fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.002B	Unspecified fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.002C	Unspecified fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.002D	Unspecified fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.002E	Unspecified fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.002F	Unspecified fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.002G	Unspecified fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.002H	Unspecified fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.002J	Unspecified fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.002K	Unspecified fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.002M	Unspecified fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.002N	Unspecified fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.002P	Unspecified fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.002Q	Unspecified fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.002R	Unspecified fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.002S	Unspecified fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.009	Unspecified fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.009A	Unspecified fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.009B	Unspecified fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.009C	Unspecified fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.009D	Unspecified fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.009E	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.009F	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.009G	Unspecified fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.009H	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.009J	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.009K	Unspecified fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.009M	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.009N	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.009P	Unspecified fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.009Q	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.009R	Unspecified fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.009S	Unspecified fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.01	Osteochondral fracture of patella	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.011	Displaced osteochondral fracture of right patella	Diagnosis	ICD-10-CM
S82.011A	Displaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.011B	Displaced osteochondral fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.011C	Displaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.011D	Displaced osteochondral fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.011E	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.011F	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.011G	Displaced osteochondral fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.011H	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.011J	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.011K	Displaced osteochondral fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.011M	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.011N	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.011P	Displaced osteochondral fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.011Q	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.011R	Displaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.011S	Displaced osteochondral fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.012	Displaced osteochondral fracture of left patella	Diagnosis	ICD-10-CM
S82.012A	Displaced osteochondral fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.012B	Displaced osteochondral fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.012C	Displaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.012D	Displaced osteochondral fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.012E	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.012F	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S82.012G	Displaced osteochondral fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.012H	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.012J	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.012K	Displaced osteochondral fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.012M	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.012N	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.012P	Displaced osteochondral fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.012Q	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.012R	Displaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.012S	Displaced osteochondral fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.013	Displaced osteochondral fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.013A	Displaced osteochondral fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.013B	Displaced osteochondral fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.013C	Displaced osteochondral fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.013D	Displaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.013E	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.013F	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.013G	Displaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.013H	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.013J	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.013K	Displaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.013M	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.013N	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.013P	Displaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.013Q	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.013R	Displaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.013S	Displaced osteochondral fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.014	Nondisplaced osteochondral fracture of right patella	Diagnosis	ICD-10-CM
S82.014A	Nondisplaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.014B	Nondisplaced osteochondral fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.014C	Nondisplaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.014D	Nondisplaced osteochondral fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.014E	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.014F	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.014G	Nondisplaced osteochondral fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.014H	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.014J	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.014K	Nondisplaced osteochondral fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.014M	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.014N	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.014P	Nondisplaced osteochondral fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.014Q	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.014R	Nondisplaced osteochondral fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.014S	Nondisplaced osteochondral fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.015	Nondisplaced osteochondral fracture of left patella	Diagnosis	ICD-10-CM
S82.015A	Nondisplaced osteochondral fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.015B	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.015C	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.015D	Nondisplaced osteochondral fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.015E	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.015F	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.015G	Nondisplaced osteochondral fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.015H	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.015J	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.015K	Nondisplaced osteochondral fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.015M	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.015N	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.015P	Nondisplaced osteochondral fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.015Q	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.015R	Nondisplaced osteochondral fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.015S	Nondisplaced osteochondral fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.016	Nondisplaced osteochondral fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.016A	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.016B	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.016C	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.016D	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.016E	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.016F	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.016G	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.016H	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.016J	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.016K	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.016M	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.016N	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.016P	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.016Q	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.016R	Nondisplaced osteochondral fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.016S	Nondisplaced osteochondral fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.02	Longitudinal fracture of patella	Diagnosis	ICD-10-CM
S82.021	Displaced longitudinal fracture of right patella	Diagnosis	ICD-10-CM
S82.021A	Displaced longitudinal fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.021B	Displaced longitudinal fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.021C	Displaced longitudinal fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.021D	Displaced longitudinal fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.021E	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.021F	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.021G	Displaced longitudinal fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.021H	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.021J	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.021K	Displaced longitudinal fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.021M	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.021N	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.021P	Displaced longitudinal fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.021Q	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.021R	Displaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.021S	Displaced longitudinal fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.022	Displaced longitudinal fracture of left patella	Diagnosis	ICD-10-CM
S82.022A	Displaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.022B	Displaced longitudinal fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.022C	Displaced longitudinal fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.022D	Displaced longitudinal fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.022E	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.022F	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.022G	Displaced longitudinal fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.022H	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.022J	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.022K	Displaced longitudinal fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.022M	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.022N	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.022P	Displaced longitudinal fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.022Q	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.022R	Displaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.022S	Displaced longitudinal fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.023	Displaced longitudinal fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.023A	Displaced longitudinal fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.023B	Displaced longitudinal fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.023C	Displaced longitudinal fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.023D	Displaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.023E	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.023F	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.023G	Displaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.023H	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.023J	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.023K	Displaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.023M	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.023N	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.023P	Displaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.023Q	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.023R	Displaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.023S	Displaced longitudinal fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.024	Nondisplaced longitudinal fracture of right patella	Diagnosis	ICD-10-CM
S82.024A	Nondisplaced longitudinal fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.024B	Nondisplaced longitudinal fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.024C	Nondisplaced longitudinal fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.024D	Nondisplaced longitudinal fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.024E	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.024F	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.024G	Nondisplaced longitudinal fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.024H	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.024J	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.024K	Nondisplaced longitudinal fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.024M	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.024N	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.024P	Nondisplaced longitudinal fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.024Q	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.024R	Nondisplaced longitudinal fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.024S	Nondisplaced longitudinal fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.025	Nondisplaced longitudinal fracture of left patella	Diagnosis	ICD-10-CM
S82.025A	Nondisplaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.025B	Nondisplaced longitudinal fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.025C	Nondisplaced longitudinal fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.025D	Nondisplaced longitudinal fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.025E	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.025F	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.025G	Nondisplaced longitudinal fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.025H	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.025J	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.025K	Nondisplaced longitudinal fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.025M	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.025N	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.025P	Nondisplaced longitudinal fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.025Q	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.025R	Nondisplaced longitudinal fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.025S	Nondisplaced longitudinal fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.026	Nondisplaced longitudinal fracture of unspecified patella	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.026A	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.026B	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.026C	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.026D	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.026E	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.026F	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.026G	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.026H	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.026J	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.026K	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.026M	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.026N	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.026P	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.026Q	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.026R	Nondisplaced longitudinal fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.026S	Nondisplaced longitudinal fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.03	Transverse fracture of patella	Diagnosis	ICD-10-CM
S82.031	Displaced transverse fracture of right patella	Diagnosis	ICD-10-CM
S82.031A	Displaced transverse fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.031B	Displaced transverse fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.031C	Displaced transverse fracture of right patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.031D	Displaced transverse fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.031E	Displaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.031F	Displaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.031G	Displaced transverse fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.031H	Displaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.031J	Displaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.031K	Displaced transverse fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.031M	Displaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.031N	Displaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.031P	Displaced transverse fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.031Q	Displaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.031R	Displaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.031S	Displaced transverse fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.032	Displaced transverse fracture of left patella	Diagnosis	ICD-10-CM
S82.032A	Displaced transverse fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.032B	Displaced transverse fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.032C	Displaced transverse fracture of left patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.032D	Displaced transverse fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.032E	Displaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.032F	Displaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.032G	Displaced transverse fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.032H	Displaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.032J	Displaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.032K	Displaced transverse fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.032M	Displaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.032N	Displaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.032P	Displaced transverse fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.032Q	Displaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.032R	Displaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.032S	Displaced transverse fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.033	Displaced transverse fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.033A	Displaced transverse fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.033B	Displaced transverse fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.033C	Displaced transverse fracture of unspecified patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.033D	Displaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.033E	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.033F	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.033G	Displaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.033H	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.033J	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.033K	Displaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.033M	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.033N	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.033P	Displaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.033Q	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.033R	Displaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.033S	Displaced transverse fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.034	Nondisplaced transverse fracture of right patella	Diagnosis	ICD-10-CM
S82.034A	Nondisplaced transverse fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.034B	Nondisplaced transverse fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.034C	Nondisplaced transverse fracture of right patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.034D	Nondisplaced transverse fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.034E	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.034F	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.034G	Nondisplaced transverse fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.034H	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.034J	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.034K	Nondisplaced transverse fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.034M	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.034N	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.034P	Nondisplaced transverse fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.034Q	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.034R	Nondisplaced transverse fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.034S	Nondisplaced transverse fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.035	Nondisplaced transverse fracture of left patella	Diagnosis	ICD-10-CM
S82.035A	Nondisplaced transverse fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.035B	Nondisplaced transverse fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.035C	Nondisplaced transverse fracture of left patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.035D	Nondisplaced transverse fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.035E	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.035F	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.035G	Nondisplaced transverse fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.035H	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.035J	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.035K	Nondisplaced transverse fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.035M	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.035N	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.035P	Nondisplaced transverse fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.035Q	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.035R	Nondisplaced transverse fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.035S	Nondisplaced transverse fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.036	Nondisplaced transverse fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.036A	Nondisplaced transverse fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.036B	Nondisplaced transverse fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.036C	Nondisplaced transverse fracture of unspecified patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.036D	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.036E	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.036F	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.036G	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.036H	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.036J	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.036K	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.036M	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.036N	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.036P	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.036Q	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.036R	Nondisplaced transverse fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.036S	Nondisplaced transverse fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.04	Comminuted fracture of patella	Diagnosis	ICD-10-CM
S82.041	Displaced comminuted fracture of right patella	Diagnosis	ICD-10-CM
S82.041A	Displaced comminuted fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.041B	Displaced comminuted fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.041C	Displaced comminuted fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.041D	Displaced comminuted fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.041E	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.041F	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.041G	Displaced comminuted fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.041H	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.041J	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.041K	Displaced comminuted fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.041M	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.041N	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.041P	Displaced comminuted fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.041Q	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.041R	Displaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.041S	Displaced comminuted fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.042	Displaced comminuted fracture of left patella	Diagnosis	ICD-10-CM
S82.042A	Displaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.042B	Displaced comminuted fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.042C	Displaced comminuted fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.042D	Displaced comminuted fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.042E	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.042F	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.042G	Displaced comminuted fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.042H	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.042J	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.042K	Displaced comminuted fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.042M	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.042N	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.042P	Displaced comminuted fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.042Q	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.042R	Displaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.042S	Displaced comminuted fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.043	Displaced comminuted fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.043A	Displaced comminuted fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.043B	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.043C	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.043D	Displaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.043E	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.043F	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.043G	Displaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.043H	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.043J	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.043K	Displaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.043M	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.043N	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.043P	Displaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.043Q	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.043R	Displaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.043S	Displaced comminuted fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.044	Nondisplaced comminuted fracture of right patella	Diagnosis	ICD-10-CM
S82.044A	Nondisplaced comminuted fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.044B	Nondisplaced comminuted fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.044C	Nondisplaced comminuted fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.044D	Nondisplaced comminuted fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.044E	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.044F	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.044G	Nondisplaced comminuted fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.044H	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.044J	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.044K	Nondisplaced comminuted fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.044M	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.044N	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.044P	Nondisplaced comminuted fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.044Q	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.044R	Nondisplaced comminuted fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.044S	Nondisplaced comminuted fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.045	Nondisplaced comminuted fracture of left patella	Diagnosis	ICD-10-CM
S82.045A	Nondisplaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.045B	Nondisplaced comminuted fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.045C	Nondisplaced comminuted fracture of left patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.045D	Nondisplaced comminuted fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.045E	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.045F	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.045G	Nondisplaced comminuted fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.045H	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.045J	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.045K	Nondisplaced comminuted fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.045M	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.045N	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.045P	Nondisplaced comminuted fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.045Q	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.045R	Nondisplaced comminuted fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.045S	Nondisplaced comminuted fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.046	Nondisplaced comminuted fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.046A	Nondisplaced comminuted fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.046B	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.046C	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.046D	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.046E	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.046F	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.046G	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.046H	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.046J	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.046K	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.046M	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.046N	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.046P	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.046Q	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.046R	Nondisplaced comminuted fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.046S	Nondisplaced comminuted fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.09	Other fracture of patella	Diagnosis	ICD-10-CM
S82.091	Other fracture of right patella	Diagnosis	ICD-10-CM
S82.091A	Other fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.091B	Other fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.091C	Other fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.091D	Other fracture of right patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.091E	Other fracture of right patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.091F	Other fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.091G	Other fracture of right patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.091H	Other fracture of right patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.091J	Other fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.091K	Other fracture of right patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.091M	Other fracture of right patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.091N	Other fracture of right patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.091P	Other fracture of right patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.091Q	Other fracture of right patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.091R	Other fracture of right patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.091S	Other fracture of right patella, sequela	Diagnosis	ICD-10-CM
S82.092	Other fracture of left patella	Diagnosis	ICD-10-CM
S82.092A	Other fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.092B	Other fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.092C	Other fracture of left patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.092D	Other fracture of left patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.092E	Other fracture of left patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.092F	Other fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.092G	Other fracture of left patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.092H	Other fracture of left patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.092J	Other fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.092K	Other fracture of left patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.092M	Other fracture of left patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.092N	Other fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.092P	Other fracture of left patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.092Q	Other fracture of left patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.092R	Other fracture of left patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.092S	Other fracture of left patella, sequela	Diagnosis	ICD-10-CM
S82.099	Other fracture of unspecified patella	Diagnosis	ICD-10-CM
S82.099A	Other fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.099B	Other fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.099C	Other fracture of unspecified patella, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.099D	Other fracture of unspecified patella, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.099E	Other fracture of unspecified patella, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.099F	Other fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.099G	Other fracture of unspecified patella, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.099H	Other fracture of unspecified patella, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.099J	Other fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.099K	Other fracture of unspecified patella, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.099M	Other fracture of unspecified patella, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.099N	Other fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.099P	Other fracture of unspecified patella, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.099Q	Other fracture of unspecified patella, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.099R	Other fracture of unspecified patella, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.099S	Other fracture of unspecified patella, sequela	Diagnosis	ICD-10-CM
S82.1	Fracture of upper end of tibia	Diagnosis	ICD-10-CM
S82.10	Unspecified fracture of upper end of tibia	Diagnosis	ICD-10-CM
S82.101	Unspecified fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S82.101A	Unspecified fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.101B	Unspecified fracture of upper end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.101C	Unspecified fracture of upper end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.101D	Unspecified fracture of upper end of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.101E	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.101F	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.101G	Unspecified fracture of upper end of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.101H	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.101J	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.101K	Unspecified fracture of upper end of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.101M	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.101N	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.101P	Unspecified fracture of upper end of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.101Q	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.101R	Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.101S	Unspecified fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S82.102	Unspecified fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S82.102A	Unspecified fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.102B	Unspecified fracture of upper end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.102C	Unspecified fracture of upper end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.102D	Unspecified fracture of upper end of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.102E	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.102F	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.102G	Unspecified fracture of upper end of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.102H	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.102J	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.102K	Unspecified fracture of upper end of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.102M	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.102N	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.102P	Unspecified fracture of upper end of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.102Q	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.102R	Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.102S	Unspecified fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S82.109	Unspecified fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S82.109A	Unspecified fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.109B	Unspecified fracture of upper end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.109C	Unspecified fracture of upper end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.109D	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.109E	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.109F	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.109G	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.109H	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.109J	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.109K	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.109M	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.109N	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.109P	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.109Q	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.109R	Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.109S	Unspecified fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.11	Fracture of tibial spine	Diagnosis	ICD-10-CM
S82.111	Displaced fracture of right tibial spine	Diagnosis	ICD-10-CM
S82.111A	Displaced fracture of right tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.111B	Displaced fracture of right tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.111C	Displaced fracture of right tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.111D	Displaced fracture of right tibial spine, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.111E	Displaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.111F	Displaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.111G	Displaced fracture of right tibial spine, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.111H	Displaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.111J	Displaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.111K	Displaced fracture of right tibial spine, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.111M	Displaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.111N	Displaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.111P	Displaced fracture of right tibial spine, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.111Q	Displaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.111R	Displaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.111S	Displaced fracture of right tibial spine, sequela	Diagnosis	ICD-10-CM
S82.112	Displaced fracture of left tibial spine	Diagnosis	ICD-10-CM
S82.112A	Displaced fracture of left tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.112B	Displaced fracture of left tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.112C	Displaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.112D	Displaced fracture of left tibial spine, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.112E	Displaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.112F	Displaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.112G	Displaced fracture of left tibial spine, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.112H	Displaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.112J	Displaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.112K	Displaced fracture of left tibial spine, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.112M	Displaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.112N	Displaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.112P	Displaced fracture of left tibial spine, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.112Q	Displaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.112R	Displaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.112S	Displaced fracture of left tibial spine, sequela	Diagnosis	ICD-10-CM
S82.113	Displaced fracture of unspecified tibial spine	Diagnosis	ICD-10-CM
S82.113A	Displaced fracture of unspecified tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.113B	Displaced fracture of unspecified tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.113C	Displaced fracture of unspecified tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.113D	Displaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.113E	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.113F	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.113G	Displaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.113H	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.113J	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.113K	Displaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.113M	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.113N	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.113P	Displaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.113Q	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.113R	Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.113S	Displaced fracture of unspecified tibial spine, sequela	Diagnosis	ICD-10-CM
S82.114	Nondisplaced fracture of right tibial spine	Diagnosis	ICD-10-CM
S82.114A	Nondisplaced fracture of right tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.114B	Nondisplaced fracture of right tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.114C	Nondisplaced fracture of right tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.114D	Nondisplaced fracture of right tibial spine, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.114E	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.114F	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.114G	Nondisplaced fracture of right tibial spine, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.114H	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.114J	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.114K	Nondisplaced fracture of right tibial spine, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.114M	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.114N	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.114P	Nondisplaced fracture of right tibial spine, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.114Q	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.114R	Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.114S	Nondisplaced fracture of right tibial spine, sequela	Diagnosis	ICD-10-CM
S82.115	Nondisplaced fracture of left tibial spine	Diagnosis	ICD-10-CM
S82.115A	Nondisplaced fracture of left tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.115B	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.115C	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.115D	Nondisplaced fracture of left tibial spine, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.115E	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.115F	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.115G	Nondisplaced fracture of left tibial spine, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.115H	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.115J	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.115K	Nondisplaced fracture of left tibial spine, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.115M	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.115N	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.115P	Nondisplaced fracture of left tibial spine, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.115Q	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.115R	Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.115S	Nondisplaced fracture of left tibial spine, sequela	Diagnosis	ICD-10-CM
S82.116	Nondisplaced fracture of unspecified tibial spine	Diagnosis	ICD-10-CM
S82.116A	Nondisplaced fracture of unspecified tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.116B	Nondisplaced fracture of unspecified tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.116C	Nondisplaced fracture of unspecified tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.116D	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.116E	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.116F	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.116G	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.116H	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.116J	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.116K	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.116M	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.116N	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.116P	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.116Q	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.116R	Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.116S	Nondisplaced fracture of unspecified tibial spine, sequela	Diagnosis	ICD-10-CM
S82.12	Fracture of lateral condyle of tibia	Diagnosis	ICD-10-CM
S82.121	Displaced fracture of lateral condyle of right tibia	Diagnosis	ICD-10-CM
S82.121A	Displaced fracture of lateral condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.121B	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.121C	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.121D	Displaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.121E	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.121F	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.121G	Displaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.121H	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.121J	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.121K	Displaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.121M	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.121N	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.121P	Displaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.121Q	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.121R	Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.121S	Displaced fracture of lateral condyle of right tibia, sequela	Diagnosis	ICD-10-CM
S82.122	Displaced fracture of lateral condyle of left tibia	Diagnosis	ICD-10-CM
S82.122A	Displaced fracture of lateral condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.122B	Displaced fracture of lateral condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.122C	Displaced fracture of lateral condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.122D	Displaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.122E	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.122F	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.122G	Displaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.122H	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.122J	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.122K	Displaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.122M	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.122N	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.122P	Displaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.122Q	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.122R	Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.122S	Displaced fracture of lateral condyle of left tibia, sequela	Diagnosis	ICD-10-CM
S82.123	Displaced fracture of lateral condyle of unspecified tibia	Diagnosis	ICD-10-CM
S82.123A	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.123B	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.123C	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.123D	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.123E	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.123F	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.123G	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.123H	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.123J	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.123K	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.123M	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.123N	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.123P	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.123Q	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.123R	Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.123S	Displaced fracture of lateral condyle of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.124	Nondisplaced fracture of lateral condyle of right tibia	Diagnosis	ICD-10-CM
S82.124A	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.124B	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.124C	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.124D	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.124E	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.124F	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.124G	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.124H	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.124J	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.124K	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.124M	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.124N	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.124P	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.124Q	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.124R	Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.124S	Nondisplaced fracture of lateral condyle of right tibia, sequela	Diagnosis	ICD-10-CM
S82.125	Nondisplaced fracture of lateral condyle of left tibia	Diagnosis	ICD-10-CM
S82.125A	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.125B	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.125C	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.125D	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.125E	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.125F	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.125G	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.125H	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.125J	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.125K	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.125M	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.125N	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.125P	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.125Q	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.125R	Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.125S	Nondisplaced fracture of lateral condyle of left tibia, sequela	Diagnosis	ICD-10-CM
S82.126	Nondisplaced fracture of lateral condyle of unspecified tibia	Diagnosis	ICD-10-CM
S82.126A	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.126B	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.126C	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.126D	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.126E	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.126F	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.126G	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.126H	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.126J	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.126K	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.126M	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.126N	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.126P	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.126Q	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.126R	Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.126S	Nondisplaced fracture of lateral condyle of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.13	Fracture of medial condyle of tibia	Diagnosis	ICD-10-CM
S82.131	Displaced fracture of medial condyle of right tibia	Diagnosis	ICD-10-CM
S82.131A	Displaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.131B	Displaced fracture of medial condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.131C	Displaced fracture of medial condyle of right tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.131D	Displaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.131E	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.131F	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.131G	Displaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.131H	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.131J	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.131K	Displaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.131M	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.131N	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.131P	Displaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.131Q	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.131R	Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.131S	Displaced fracture of medial condyle of right tibia, sequela	Diagnosis	ICD-10-CM
S82.132	Displaced fracture of medial condyle of left tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.132A	Displaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.132B	Displaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.132C	Displaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.132D	Displaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.132E	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.132F	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.132G	Displaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.132H	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.132J	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.132K	Displaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.132M	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.132N	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.132P	Displaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.132Q	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.132R	Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.132S	Displaced fracture of medial condyle of left tibia, sequela	Diagnosis	ICD-10-CM
S82.133	Displaced fracture of medial condyle of unspecified tibia	Diagnosis	ICD-10-CM
S82.133A	Displaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.133B	Displaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.133C	Displaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.133D	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.133E	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.133F	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.133G	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.133H	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.133J	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.133K	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.133M	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.133N	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.133P	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.133Q	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.133R	Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.133S	Displaced fracture of medial condyle of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.134	Nondisplaced fracture of medial condyle of right tibia	Diagnosis	ICD-10-CM
S82.134A	Nondisplaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.134B	Nondisplaced fracture of medial condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.134C	Nondisplaced fracture of medial condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.134D	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.134E	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.134F	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.134G	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.134H	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.134J	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.134K	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.134M	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.134N	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.134P	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.134Q	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.134R	Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.134S	Nondisplaced fracture of medial condyle of right tibia, sequela	Diagnosis	ICD-10-CM
S82.135	Nondisplaced fracture of medial condyle of left tibia	Diagnosis	ICD-10-CM
S82.135A	Nondisplaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.135B	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.135C	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.135D	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.135E	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.135F	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.135G	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.135H	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.135J	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.135K	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.135M	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.135N	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.135P	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.135Q	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.135R	Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.135S	Nondisplaced fracture of medial condyle of left tibia, sequela	Diagnosis	ICD-10-CM
S82.136	Nondisplaced fracture of medial condyle of unspecified tibia	Diagnosis	ICD-10-CM
S82.136A	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.136B	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.136C	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.136D	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.136E	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.136F	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.136G	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.136H	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.136J	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.136K	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.136M	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.136N	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.136P	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.136Q	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.136R	Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.136S	Nondisplaced fracture of medial condyle of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.14	Bicondylar fracture of tibia	Diagnosis	ICD-10-CM
S82.141	Displaced bicondylar fracture of right tibia	Diagnosis	ICD-10-CM
S82.141A	Displaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.141B	Displaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.141C	Displaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.141D	Displaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.141E	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.141F	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.141G	Displaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.141H	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.141J	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.141K	Displaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.141M	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.141N	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.141P	Displaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.141Q	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.141R	Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.141S	Displaced bicondylar fracture of right tibia, sequela	Diagnosis	ICD-10-CM
S82.142	Displaced bicondylar fracture of left tibia	Diagnosis	ICD-10-CM
S82.142A	Displaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.142B	Displaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.142C	Displaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.142D	Displaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.142E	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.142F	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.142G	Displaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.142H	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.142J	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.142K	Displaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.142M	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.142N	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.142P	Displaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.142Q	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.142R	Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.142S	Displaced bicondylar fracture of left tibia, sequela	Diagnosis	ICD-10-CM
S82.143	Displaced bicondylar fracture of unspecified tibia	Diagnosis	ICD-10-CM
S82.143A	Displaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.143B	Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.143C	Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.143D	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.143E	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.143F	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.143G	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.143H	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.143J	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.143K	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.143M	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.143N	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.143P	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.143Q	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.143R	Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.143S	Displaced bicondylar fracture of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.144	Nondisplaced bicondylar fracture of right tibia	Diagnosis	ICD-10-CM
S82.144A	Nondisplaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.144B	Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.144C	Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.144D	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.144E	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.144F	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.144G	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.144H	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.144J	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.144K	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.144M	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.144N	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.144P	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.144Q	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.144R	Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.144S	Nondisplaced bicondylar fracture of right tibia, sequela	Diagnosis	ICD-10-CM
S82.145	Nondisplaced bicondylar fracture of left tibia	Diagnosis	ICD-10-CM
S82.145A	Nondisplaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.145B	Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.145C	Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.145D	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.145E	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.145F	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.145G	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.145H	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.145J	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.145K	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.145M	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.145N	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.145P	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.145Q	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.145R	Nondisplaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.145S	Nondisplaced bicondylar fracture of left tibia, sequela	Diagnosis	ICD-10-CM
S82.146	Nondisplaced bicondylar fracture of unspecified tibia	Diagnosis	ICD-10-CM
S82.146A	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.146B	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.146C	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.146D	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.146E	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.146F	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.146G	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.146H	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.146J	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.146K	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.146M	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.146N	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.146P	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.146Q	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.146R	Nondisplaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.146S	Nondisplaced bicondylar fracture of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.15	Fracture of tibial tuberosity	Diagnosis	ICD-10-CM
S82.151	Displaced fracture of right tibial tuberosity	Diagnosis	ICD-10-CM
S82.151A	Displaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.151B	Displaced fracture of right tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.151C	Displaced fracture of right tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.151D	Displaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.151E	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.151F	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.151G	Displaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.151H	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.151J	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.151K	Displaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.151M	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.151N	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.151P	Displaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.151Q	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.151R	Displaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.151S	Displaced fracture of right tibial tuberosity, sequela	Diagnosis	ICD-10-CM
S82.152	Displaced fracture of left tibial tuberosity	Diagnosis	ICD-10-CM
S82.152A	Displaced fracture of left tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.152B	Displaced fracture of left tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.152C	Displaced fracture of left tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.152D	Displaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.152E	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.152F	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.152G	Displaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.152H	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.152J	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.152K	Displaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.152M	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.152N	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.152P	Displaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.152Q	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.152R	Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.152S	Displaced fracture of left tibial tuberosity, sequela	Diagnosis	ICD-10-CM
S82.153	Displaced fracture of unspecified tibial tuberosity	Diagnosis	ICD-10-CM
S82.153A	Displaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.153B	Displaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.153C	Displaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.153D	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.153E	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.153F	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.153G	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.153H	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.153J	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.153K	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.153M	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.153N	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.153P	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.153Q	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.153R	Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.153S	Displaced fracture of unspecified tibial tuberosity, sequela	Diagnosis	ICD-10-CM
S82.154	Nondisplaced fracture of right tibial tuberosity	Diagnosis	ICD-10-CM
S82.154A	Nondisplaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.154B	Nondisplaced fracture of right tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.154C	Nondisplaced fracture of right tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.154D	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.154E	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.154F	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.154G	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.154H	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.154J	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.154K	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.154M	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.154N	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.154P	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.154Q	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.154R	Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.154S	Nondisplaced fracture of right tibial tuberosity, sequela	Diagnosis	ICD-10-CM
S82.155	Nondisplaced fracture of left tibial tuberosity	Diagnosis	ICD-10-CM
S82.155A	Nondisplaced fracture of left tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.155B	Nondisplaced fracture of left tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.155C	Nondisplaced fracture of left tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.155D	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.155E	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.155F	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.155G	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.155H	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.155J	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.155K	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.155M	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.155N	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.155P	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.155Q	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.155R	Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.155S	Nondisplaced fracture of left tibial tuberosity, sequela	Diagnosis	ICD-10-CM
S82.156	Nondisplaced fracture of unspecified tibial tuberosity	Diagnosis	ICD-10-CM
S82.156A	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.156B	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.156C	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.156D	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.156E	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.156F	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.156G	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.156H	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.156J	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.156K	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.156M	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.156N	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.156P	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.156Q	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.156R	Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.156S	Nondisplaced fracture of unspecified tibial tuberosity, sequela	Diagnosis	ICD-10-CM
S82.16	Torus fracture of upper end of tibia	Diagnosis	ICD-10-CM
S82.161	Torus fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S82.161A	Torus fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.161D	Torus fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.161G	Torus fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.161K	Torus fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.161P	Torus fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.161S	Torus fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S82.162	Torus fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S82.162A	Torus fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.162D	Torus fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.162G	Torus fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.162K	Torus fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.162P	Torus fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.162S	Torus fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S82.169	Torus fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S82.169A	Torus fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.169D	Torus fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.169G	Torus fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.169K	Torus fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.169P	Torus fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.169S	Torus fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.19	Other fracture of upper end of tibia	Diagnosis	ICD-10-CM
S82.191	Other fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S82.191A	Other fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.191B	Other fracture of upper end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.191C	Other fracture of upper end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.191D	Other fracture of upper end of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.191E	Other fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.191F	Other fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.191G	Other fracture of upper end of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.191H	Other fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.191J	Other fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.191K	Other fracture of upper end of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.191M	Other fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.191N	Other fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.191P	Other fracture of upper end of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.191Q	Other fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.191R	Other fracture of upper end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.191S	Other fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S82.192	Other fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S82.192A	Other fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.192B	Other fracture of upper end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.192C	Other fracture of upper end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.192D	Other fracture of upper end of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.192E	Other fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.192F	Other fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.192G	Other fracture of upper end of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.192H	Other fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.192J	Other fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.192K	Other fracture of upper end of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.192M	Other fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.192N	Other fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.192P	Other fracture of upper end of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.192Q	Other fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.192R	Other fracture of upper end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.192S	Other fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S82.199	Other fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S82.199A	Other fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.199B	Other fracture of upper end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.199C	Other fracture of upper end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.199D	Other fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.199E	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.199F	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.199G	Other fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.199H	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.199J	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.199K	Other fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.199M	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.199N	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.199P	Other fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.199Q	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.199R	Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.199S	Other fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.2	Fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.20	Unspecified fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.201	Unspecified fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.201A	Unspecified fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.201B	Unspecified fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.201C	Unspecified fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.201D	Unspecified fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.201E	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.201F	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.201G	Unspecified fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.201H	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.201J	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.201K	Unspecified fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.201M	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.201N	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.201P	Unspecified fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.201Q	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.201R	Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.201S	Unspecified fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.202	Unspecified fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.202A	Unspecified fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.202B	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.202C	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.202D	Unspecified fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.202E	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.202F	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.202G	Unspecified fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.202H	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.202J	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.202K	Unspecified fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.202M	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.202N	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.202P	Unspecified fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.202Q	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.202R	Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.202S	Unspecified fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.209	Unspecified fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.209A	Unspecified fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.209B	Unspecified fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.209C	Unspecified fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.209D	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.209E	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.209F	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.209G	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.209H	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.209J	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.209K	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.209M	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.209N	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.209P	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.209Q	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.209R	Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.209S	Unspecified fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.22	Transverse fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.221	Displaced transverse fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.221A	Displaced transverse fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.221B	Displaced transverse fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.221C	Displaced transverse fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.221D	Displaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.221E	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.221F	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.221G	Displaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.221H	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.221J	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.221K	Displaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.221M	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.221N	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.221P	Displaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.221Q	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.221R	Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.221S	Displaced transverse fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.222	Displaced transverse fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.222A	Displaced transverse fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.222B	Displaced transverse fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.222C	Displaced transverse fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.222D	Displaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.222E	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.222F	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.222G	Displaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.222H	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.222J	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.222K	Displaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.222M	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.222N	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.222P	Displaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.222Q	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.222R	Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.222S	Displaced transverse fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.223	Displaced transverse fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.223A	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.223B	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.223C	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.223D	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.223E	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.223F	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.223G	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.223H	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.223J	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.223K	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.223M	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.223N	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.223P	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.223Q	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.223R	Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.223S	Displaced transverse fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.224	Nondisplaced transverse fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.224A	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.224B	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.224C	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.224D	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.224E	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.224F	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.224G	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.224H	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.224J	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.224K	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.224M	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.224N	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.224P	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.224Q	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.224R	Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.224S	Nondisplaced transverse fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.225	Nondisplaced transverse fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.225A	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.225B	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.225C	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.225D	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.225E	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.225F	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.225G	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.225H	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.225J	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.225K	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.225M	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.225N	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.225P	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.225Q	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.225R	Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.225S	Nondisplaced transverse fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.226	Nondisplaced transverse fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.226A	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.226B	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.226C	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.226D	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.226E	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.226F	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.226G	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.226H	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.226J	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.226K	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.226M	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.226N	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.226P	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.226Q	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.226R	Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.226S	Nondisplaced transverse fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.23	Oblique fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.231	Displaced oblique fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.231A	Displaced oblique fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.231B	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.231C	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.231D	Displaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.231E	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.231F	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.231G	Displaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.231H	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.231J	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.231K	Displaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.231M	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.231N	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.231P	Displaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.231Q	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.231R	Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.231S	Displaced oblique fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.232	Displaced oblique fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.232A	Displaced oblique fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.232B	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.232C	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.232D	Displaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.232E	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.232F	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.232G	Displaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.232H	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.232J	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.232K	Displaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.232M	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.232N	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.232P	Displaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.232Q	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.232R	Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.232S	Displaced oblique fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.233	Displaced oblique fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.233A	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.233B	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.233C	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.233D	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.233E	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.233F	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.233G	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.233H	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.233J	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.233K	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.233M	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.233N	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.233P	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.233Q	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.233R	Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.233S	Displaced oblique fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.234	Nondisplaced oblique fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.234A	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.234B	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.234C	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.234D	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.234E	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.234F	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.234G	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.234H	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.234J	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.234K	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.234M	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.234N	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.234P	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.234Q	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.234R	Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.234S	Nondisplaced oblique fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.235	Nondisplaced oblique fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.235A	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.235B	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.235C	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.235D	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.235E	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.235F	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.235G	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.235H	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.235J	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.235K	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.235M	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.235N	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.235P	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.235Q	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.235R	Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.235S	Nondisplaced oblique fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.236	Nondisplaced oblique fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.236A	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.236B	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.236C	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.236D	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.236E	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.236F	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.236G	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.236H	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.236J	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.236K	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.236M	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.236N	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.236P	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.236Q	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.236R	Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.236S	Nondisplaced oblique fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.24	Spiral fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.241	Displaced spiral fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.241A	Displaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.241B	Displaced spiral fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.241C	Displaced spiral fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.241D	Displaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.241E	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.241F	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.241G	Displaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.241H	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.241J	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.241K	Displaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.241M	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.241N	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.241P	Displaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.241Q	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.241R	Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.241S	Displaced spiral fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.242	Displaced spiral fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.242A	Displaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.242B	Displaced spiral fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.242C	Displaced spiral fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.242D	Displaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.242E	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.242F	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.242G	Displaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.242H	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.242J	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.242K	Displaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.242M	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.242N	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.242P	Displaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.242Q	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.242R	Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.242S	Displaced spiral fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.243	Displaced spiral fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.243A	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.243B	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.243C	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.243D	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.243E	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.243F	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.243G	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.243H	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.243J	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.243K	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.243M	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.243N	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.243P	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.243Q	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.243R	Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.243S	Displaced spiral fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.244	Nondisplaced spiral fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.244A	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.244B	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.244C	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.244D	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.244E	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.244F	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.244G	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.244H	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.244J	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.244K	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.244M	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.244N	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.244P	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.244Q	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.244R	Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.244S	Nondisplaced spiral fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.245	Nondisplaced spiral fracture of shaft of left tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.245A	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.245B	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.245C	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.245D	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.245E	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.245F	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.245G	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.245H	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.245J	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.245K	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.245M	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.245N	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.245P	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.245Q	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.245R	Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.245S	Nondisplaced spiral fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.246	Nondisplaced spiral fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.246A	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.246B	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.246C	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.246D	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.246E	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.246F	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.246G	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.246H	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.246J	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.246K	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.246M	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.246N	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.246P	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.246Q	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.246R	Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.246S	Nondisplaced spiral fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.25	Comminuted fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.251	Displaced comminuted fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.251A	Displaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.251B	Displaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.251C	Displaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.251D	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.251E	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.251F	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.251G	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.251H	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.251J	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.251K	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.251M	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.251N	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.251P	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.251Q	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.251R	Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.251S	Displaced comminuted fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.252	Displaced comminuted fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.252A	Displaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.252B	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.252C	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.252D	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.252E	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.252F	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.252G	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.252H	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.252J	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.252K	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.252M	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.252N	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.252P	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.252Q	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.252R	Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.252S	Displaced comminuted fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.253	Displaced comminuted fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.253A	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.253B	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.253C	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.253D	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.253E	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.253F	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.253G	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.253H	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.253J	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.253K	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.253M	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.253N	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.253P	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.253Q	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.253R	Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.253S	Displaced comminuted fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.254	Nondisplaced comminuted fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.254A	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.254B	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.254C	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.254D	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.254E	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.254F	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.254G	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.254H	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.254J	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.254K	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.254M	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.254N	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.254P	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.254Q	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.254R	Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.254S	Nondisplaced comminuted fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.255	Nondisplaced comminuted fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.255A	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.255B	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.255C	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIC	Diagnosis	ICD-10-CM
S82.255D	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.255E	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.255F	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.255G	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.255H	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.255J	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.255K	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.255M	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.255N	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.255P	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.255Q	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.255R	Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.255S	Nondisplaced comminuted fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.256	Nondisplaced comminuted fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.256A	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.256B	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.256C	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.256D	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.256E	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.256F	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.256G	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.256H	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.256J	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.256K	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.256M	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.256N	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.256P	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.256Q	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.256R	Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.256S	Nondisplaced comminuted fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.26	Segmental fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.261	Displaced segmental fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.261A	Displaced segmental fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.261B	Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.261C	Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.261D	Displaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.261E	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.261F	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.261G	Displaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.261H	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.261J	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.261K	Displaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.261M	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.261N	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.261P	Displaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.261Q	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.261R	Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.261S	Displaced segmental fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.262	Displaced segmental fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.262A	Displaced segmental fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.262B	Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.262C	Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.262D	Displaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.262E	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.262F	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.262G	Displaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.262H	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.262J	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.262K	Displaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.262M	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.262N	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.262P	Displaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.262Q	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.262R	Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.262S	Displaced segmental fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.263	Displaced segmental fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.263A	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.263B	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.263C	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.263D	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.263E	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.263F	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.263G	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.263H	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.263J	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.263K	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.263M	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.263N	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.263P	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.263Q	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.263R	Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.263S	Displaced segmental fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.264	Nondisplaced segmental fracture of shaft of right tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.264A	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.264B	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.264C	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.264D	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.264E	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.264F	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.264G	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.264H	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.264J	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.264K	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.264M	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.264N	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.264P	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.264Q	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.264R	Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.264S	Nondisplaced segmental fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.265	Nondisplaced segmental fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.265A	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.265B	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.265C	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.265D	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.265E	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.265F	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.265G	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.265H	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.265J	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.265K	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.265M	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.265N	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.265P	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.265Q	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.265R	Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.265S	Nondisplaced segmental fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.266	Nondisplaced segmental fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.266A	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.266B	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.266C	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.266D	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.266E	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.266F	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.266G	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.266H	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.266J	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.266K	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.266M	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.266N	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.266P	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.266Q	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.266R	Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.266S	Nondisplaced segmental fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.29	Other fracture of shaft of tibia	Diagnosis	ICD-10-CM
S82.291	Other fracture of shaft of right tibia	Diagnosis	ICD-10-CM
S82.291A	Other fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.291B	Other fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.291C	Other fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.291D	Other fracture of shaft of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.291E	Other fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.291F	Other fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.291G	Other fracture of shaft of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.291H	Other fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.291J	Other fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.291K	Other fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.291M	Other fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.291N	Other fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.291P	Other fracture of shaft of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.291Q	Other fracture of shaft of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.291R	Other fracture of shaft of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.291S	Other fracture of shaft of right tibia, sequela	Diagnosis	ICD-10-CM
S82.292	Other fracture of shaft of left tibia	Diagnosis	ICD-10-CM
S82.292A	Other fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.292B	Other fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.292C	Other fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.292D	Other fracture of shaft of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.292E	Other fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.292F	Other fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.292G	Other fracture of shaft of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.292H	Other fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.292J	Other fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.292K	Other fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.292M	Other fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.292N	Other fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.292P	Other fracture of shaft of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.292Q	Other fracture of shaft of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.292R	Other fracture of shaft of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.292S	Other fracture of shaft of left tibia, sequela	Diagnosis	ICD-10-CM
S82.299	Other fracture of shaft of unspecified tibia	Diagnosis	ICD-10-CM
S82.299A	Other fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.299B	Other fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.299C	Other fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.299D	Other fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.299E	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.299F	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.299G	Other fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.299H	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.299J	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.299K	Other fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.299M	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.299N	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.299P	Other fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.299Q	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.299R	Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.299S	Other fracture of shaft of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.3	Fracture of lower end of tibia	Diagnosis	ICD-10-CM
S82.30	Unspecified fracture of lower end of tibia	Diagnosis	ICD-10-CM
S82.301	Unspecified fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S82.301A	Unspecified fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.301B	Unspecified fracture of lower end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.301C	Unspecified fracture of lower end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.301D	Unspecified fracture of lower end of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.301E	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.301F	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.301G	Unspecified fracture of lower end of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.301H	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.301J	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.301K	Unspecified fracture of lower end of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.301M	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.301N	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.301P	Unspecified fracture of lower end of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.301Q	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.301R	Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.301S	Unspecified fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.302	Unspecified fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S82.302A	Unspecified fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.302B	Unspecified fracture of lower end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.302C	Unspecified fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.302D	Unspecified fracture of lower end of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.302E	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.302F	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.302G	Unspecified fracture of lower end of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.302H	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.302J	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.302K	Unspecified fracture of lower end of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.302M	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.302N	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.302P	Unspecified fracture of lower end of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.302Q	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.302R	Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.302S	Unspecified fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S82.309	Unspecified fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S82.309A	Unspecified fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.309B	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.309C	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.309D	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.309E	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.309F	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.309G	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.309H	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.309J	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.309K	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.309M	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.309N	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.309P	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.309Q	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.309R	Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.309S	Unspecified fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.31	Torus fracture of lower end of tibia	Diagnosis	ICD-10-CM
S82.311	Torus fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S82.311A	Torus fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.311D	Torus fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.311G	Torus fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.311K	Torus fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.311P	Torus fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.311S	Torus fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S82.312	Torus fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S82.312A	Torus fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.312D	Torus fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.312G	Torus fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.312K	Torus fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.312P	Torus fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.312S	Torus fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S82.319	Torus fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S82.319A	Torus fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.319D	Torus fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.319G	Torus fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.319K	Torus fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.319P	Torus fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.319S	Torus fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.39	Other fracture of lower end of tibia	Diagnosis	ICD-10-CM
S82.391	Other fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S82.391A	Other fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.391B	Other fracture of lower end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.391C	Other fracture of lower end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.391D	Other fracture of lower end of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.391E	Other fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.391F	Other fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.391G	Other fracture of lower end of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.391H	Other fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.391J	Other fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.391K	Other fracture of lower end of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.391M	Other fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.391N	Other fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.391P	Other fracture of lower end of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.391Q	Other fracture of lower end of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.391R	Other fracture of lower end of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.391S	Other fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S82.392	Other fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S82.392A	Other fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.392B	Other fracture of lower end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.392C	Other fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.392D	Other fracture of lower end of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.392E	Other fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.392F	Other fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.392G	Other fracture of lower end of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.392H	Other fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.392J	Other fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.392K	Other fracture of lower end of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.392M	Other fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.392N	Other fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.392P	Other fracture of lower end of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.392Q	Other fracture of lower end of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.392R	Other fracture of lower end of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.392S	Other fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S82.399	Other fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S82.399A	Other fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.399B	Other fracture of lower end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.399C	Other fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.399D	Other fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.399E	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.399F	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.399G	Other fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.399H	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.399J	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.399K	Other fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.399M	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.399N	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.399P	Other fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.399Q	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.399R	Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.399S	Other fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.4	Fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.40	Unspecified fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.401	Unspecified fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.401A	Unspecified fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.401B	Unspecified fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.401C	Unspecified fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.401D	Unspecified fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.401E	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.401F	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.401G	Unspecified fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.401H	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.401J	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.401K	Unspecified fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.401M	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.401N	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.401P	Unspecified fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.401Q	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.401R	Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.401S	Unspecified fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.402	Unspecified fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.402A	Unspecified fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.402B	Unspecified fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.402C	Unspecified fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.402D	Unspecified fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.402E	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.402F	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.402G	Unspecified fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.402H	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.402J	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.402K	Unspecified fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.402M	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.402N	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.402P	Unspecified fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.402Q	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.402R	Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.402S	Unspecified fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.409	Unspecified fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.409A	Unspecified fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.409B	Unspecified fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.409C	Unspecified fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.409D	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.409E	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.409F	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.409G	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.409H	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.409J	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.409K	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.409M	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.409N	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.409P	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.409Q	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.409R	Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.409S	Unspecified fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.42	Transverse fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.421	Displaced transverse fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.421A	Displaced transverse fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.421B	Displaced transverse fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.421C	Displaced transverse fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.421D	Displaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.421E	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.421F	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.421G	Displaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.421H	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.421J	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.421K	Displaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.421M	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.421N	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.421P	Displaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.421Q	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.421R	Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.421S	Displaced transverse fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.422	Displaced transverse fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.422A	Displaced transverse fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.422B	Displaced transverse fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.422C	Displaced transverse fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.422D	Displaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.422E	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.422F	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.422G	Displaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.422H	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.422J	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.422K	Displaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.422M	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.422N	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.422P	Displaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.422Q	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.422R	Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.422S	Displaced transverse fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.423	Displaced transverse fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.423A	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.423B	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.423C	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.423D	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.423E	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.423F	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.423G	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.423H	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.423J	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.423K	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.423M	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.423N	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.423P	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.423Q	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.423R	Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.423S	Displaced transverse fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.424	Nondisplaced transverse fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.424A	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.424B	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.424C	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.424D	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.424E	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.424F	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.424G	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.424H	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.424J	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.424K	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.424M	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.424N	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.424P	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.424Q	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.424R	Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.424S	Nondisplaced transverse fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.425	Nondisplaced transverse fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.425A	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.425B	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.425C	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.425D	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.425E	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.425F	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.425G	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.425H	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.425J	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.425K	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.425M	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.425N	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.425P	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.425Q	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.425R	Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.425S	Nondisplaced transverse fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.426	Nondisplaced transverse fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.426A	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.426B	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.426C	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.426D	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.426E	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.426F	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.426G	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.426H	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.426J	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.426K	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.426M	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.426N	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.426P	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.426Q	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.426R	Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.426S	Nondisplaced transverse fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.43	Oblique fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.431	Displaced oblique fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.431A	Displaced oblique fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.431B	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.431C	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.431D	Displaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.431E	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.431F	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.431G	Displaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.431H	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.431J	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.431K	Displaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.431M	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.431N	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.431P	Displaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.431Q	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.431R	Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.431S	Displaced oblique fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.432	Displaced oblique fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.432A	Displaced oblique fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.432B	Displaced oblique fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.432C	Displaced oblique fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.432D	Displaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.432E	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.432F	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.432G	Displaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.432H	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.432J	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.432K	Displaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.432M	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.432N	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.432P	Displaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.432Q	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.432R	Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.432S	Displaced oblique fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.433	Displaced oblique fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.433A	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.433B	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.433C	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.433D	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.433E	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.433F	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.433G	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.433H	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.433J	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.433K	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.433M	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.433N	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.433P	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.433Q	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.433R	Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.433S	Displaced oblique fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.434	Nondisplaced oblique fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.434A	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.434B	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.434C	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.434D	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.434E	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.434F	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.434G	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.434H	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.434J	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.434K	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.434M	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.434N	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.434P	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.434Q	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.434R	Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.434S	Nondisplaced oblique fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.435	Nondisplaced oblique fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.435A	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.435B	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.435C	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.435D	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.435E	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.435F	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.435G	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.435H	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.435J	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.435K	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.435M	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.435N	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.435P	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.435Q	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.435R	Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.435S	Nondisplaced oblique fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.436	Nondisplaced oblique fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.436A	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.436B	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.436C	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.436D	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.436E	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.436F	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.436G	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.436H	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.436J	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.436K	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.436M	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.436N	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.436P	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.436Q	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.436R	Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.436S	Nondisplaced oblique fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.44	Spiral fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.441	Displaced spiral fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.441A	Displaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.441B	Displaced spiral fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.441C	Displaced spiral fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.441D	Displaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.441E	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.441F	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.441G	Displaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.441H	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.441J	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.441K	Displaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.441M	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.441N	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.441P	Displaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.441Q	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.441R	Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.441S	Displaced spiral fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.442	Displaced spiral fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.442A	Displaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.442B	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.442C	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.442D	Displaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.442E	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.442F	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.442G	Displaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.442H	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.442J	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.442K	Displaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.442M	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.442N	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.442P	Displaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.442Q	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.442R	Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.442S	Displaced spiral fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.443	Displaced spiral fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.443A	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.443B	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.443C	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.443D	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.443E	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.443F	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.443G	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.443H	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.443J	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.443K	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.443M	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.443N	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.443P	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.443Q	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.443R	Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.443S	Displaced spiral fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.444	Nondisplaced spiral fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.444A	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.444B	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.444C	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.444D	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.444E	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.444F	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.444G	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.444H	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.444J	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.444K	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.444M	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.444N	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.444P	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.444Q	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.444R	Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.444S	Nondisplaced spiral fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.445	Nondisplaced spiral fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.445A	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.445B	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.445C	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.445D	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.445E	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.445F	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.445G	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.445H	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.445J	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.445K	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.445M	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.445N	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.445P	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.445Q	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.445R	Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.445S	Nondisplaced spiral fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.446	Nondisplaced spiral fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.446A	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.446B	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.446C	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.446D	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.446E	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.446F	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.446G	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.446H	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.446J	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.446K	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.446M	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.446N	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.446P	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.446Q	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.446R	Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.446S	Nondisplaced spiral fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.45	Comminuted fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.451	Displaced comminuted fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.451A	Displaced comminuted fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.451B	Displaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.451C	Displaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.451D	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.451E	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.451F	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.451G	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.451H	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.451J	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.451K	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.451M	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.451N	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.451P	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.451Q	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.451R	Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.451S	Displaced comminuted fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.452	Displaced comminuted fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.452A	Displaced comminuted fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.452B	Displaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.452C	Displaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.452D	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.452E	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.452F	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.452G	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.452H	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.452J	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.452K	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.452M	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.452N	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.452P	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.452Q	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.452R	Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.452S	Displaced comminuted fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.453	Displaced comminuted fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.453A	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.453B	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.453C	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.453D	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.453E	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.453F	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.453G	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.453H	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.453J	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.453K	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.453M	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.453N	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.453P	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.453Q	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.453R	Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.453S	Displaced comminuted fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.454	Nondisplaced comminuted fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.454A	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.454B	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.454C	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.454D	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.454E	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.454F	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.454G	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.454H	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.454J	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.454K	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.454M	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.454N	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.454P	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.454Q	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.454R	Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.454S	Nondisplaced comminuted fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.455	Nondisplaced comminuted fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.455A	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.455B	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.455C	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.455D	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.455E	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.455F	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.455G	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.455H	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.455J	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.455K	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.455M	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.455N	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.455P	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.455Q	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.455R	Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.455S	Nondisplaced comminuted fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.456	Nondisplaced comminuted fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.456A	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.456B	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.456C	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.456D	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.456E	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.456F	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.456G	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.456H	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.456J	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.456K	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.456M	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.456N	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.456P	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.456Q	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.456R	Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.456S	Nondisplaced comminuted fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.46	Segmental fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.461	Displaced segmental fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.461A	Displaced segmental fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.461B	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.461C	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.461D	Displaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.461E	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.461F	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.461G	Displaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.461H	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.461J	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.461K	Displaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.461M	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.461N	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.461P	Displaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.461Q	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.461R	Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.461S	Displaced segmental fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.462	Displaced segmental fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.462A	Displaced segmental fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.462B	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.462C	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.462D	Displaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.462E	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.462F	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.462G	Displaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.462H	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.462J	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.462K	Displaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.462M	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.462N	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.462P	Displaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.462Q	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.462R	Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.462S	Displaced segmental fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.463	Displaced segmental fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.463A	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.463B	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.463C	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.463D	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.463E	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.463F	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.463G	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.463H	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.463J	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.463K	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.463M	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.463N	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.463P	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.463Q	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.463R	Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.463S	Displaced segmental fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.464	Nondisplaced segmental fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.464A	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.464B	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.464C	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.464D	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.464E	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.464F	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.464G	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.464H	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.464J	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.464K	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.464M	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.464N	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.464P	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.464Q	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.464R	Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.464S	Nondisplaced segmental fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.465	Nondisplaced segmental fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.465A	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.465B	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.465C	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.465D	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.465E	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.465F	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.465G	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.465H	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.465J	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.465K	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.465M	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.465N	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.465P	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.465Q	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.465R	Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.465S	Nondisplaced segmental fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.466	Nondisplaced segmental fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.466A	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.466B	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.466C	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.466D	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.466E	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.466F	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.466G	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.466H	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.466J	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.466K	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.466M	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.466N	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.466P	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.466Q	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.466R	Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.466S	Nondisplaced segmental fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.49	Other fracture of shaft of fibula	Diagnosis	ICD-10-CM
S82.491	Other fracture of shaft of right fibula	Diagnosis	ICD-10-CM
S82.491A	Other fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.491B	Other fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.491C	Other fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.491D	Other fracture of shaft of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.491E	Other fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.491F	Other fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.491G	Other fracture of shaft of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.491H	Other fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.491J	Other fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.491K	Other fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.491M	Other fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.491N	Other fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.491P	Other fracture of shaft of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.491Q	Other fracture of shaft of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.491R	Other fracture of shaft of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.491S	Other fracture of shaft of right fibula, sequela	Diagnosis	ICD-10-CM
S82.492	Other fracture of shaft of left fibula	Diagnosis	ICD-10-CM
S82.492A	Other fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.492B	Other fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.492C	Other fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.492D	Other fracture of shaft of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.492E	Other fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.492F	Other fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.492G	Other fracture of shaft of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.492H	Other fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.492J	Other fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.492K	Other fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.492M	Other fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.492N	Other fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.492P	Other fracture of shaft of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.492Q	Other fracture of shaft of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.492R	Other fracture of shaft of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.492S	Other fracture of shaft of left fibula, sequela	Diagnosis	ICD-10-CM
S82.499	Other fracture of shaft of unspecified fibula	Diagnosis	ICD-10-CM
S82.499A	Other fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.499B	Other fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.499C	Other fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.499D	Other fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.499E	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.499F	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.499G	Other fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.499H	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.499J	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.499K	Other fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.499M	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.499N	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.499P	Other fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.499Q	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.499R	Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.499S	Other fracture of shaft of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.5	Fracture of medial malleolus	Diagnosis	ICD-10-CM
S82.51	Displaced fracture of medial malleolus of right tibia	Diagnosis	ICD-10-CM
S82.51XA	Displaced fracture of medial malleolus of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.51XB	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.51XC	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.51XD	Displaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.51XE	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.51XF	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.51XG	Displaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.51XH	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.51XJ	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.51XK	Displaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.51XM	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.51XN	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.51XP	Displaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.51XQ	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.51XR	Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.51XS	Displaced fracture of medial malleolus of right tibia, sequela	Diagnosis	ICD-10-CM
S82.52	Displaced fracture of medial malleolus of left tibia	Diagnosis	ICD-10-CM
S82.52XA	Displaced fracture of medial malleolus of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.52XB	Displaced fracture of medial malleolus of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.52XC	Displaced fracture of medial malleolus of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.52XD	Displaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.52XE	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.52XF	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.52XG	Displaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.52XH	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.52XJ	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.52XK	Displaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.52XM	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.52XN	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.52XP	Displaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.52XQ	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.52XR	Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.52XS	Displaced fracture of medial malleolus of left tibia, sequela	Diagnosis	ICD-10-CM
S82.53	Displaced fracture of medial malleolus of unspecified tibia	Diagnosis	ICD-10-CM
S82.53XA	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.53XB	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.53XC	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.53XD	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.53XE	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.53XF	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.53XG	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.53XH	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.53XJ	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.53XK	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.53XM	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.53XN	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.53XP	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.53XQ	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.53XR	Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.53XS	Displaced fracture of medial malleolus of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.54	Nondisplaced fracture of medial malleolus of right tibia	Diagnosis	ICD-10-CM
S82.54XA	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.54XB	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.54XC	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.54XD	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.54XE	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.54XF	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.54XG	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.54XH	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.54XJ	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.54XK	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.54XM	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.54XN	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.54XP	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.54XQ	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.54XR	Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.54XS	Nondisplaced fracture of medial malleolus of right tibia, sequela	Diagnosis	ICD-10-CM
S82.55	Nondisplaced fracture of medial malleolus of left tibia	Diagnosis	ICD-10-CM
S82.55XA	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.55XB	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.55XC	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.55XD	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.55XE	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.55XF	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.55XG	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.55XH	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.55XJ	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.55XK	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.55XM	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.55XN	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.55XP	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.55XQ	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.55XR	Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.55XS	Nondisplaced fracture of medial malleolus of left tibia, sequela	Diagnosis	ICD-10-CM
S82.56	Nondisplaced fracture of medial malleolus of unspecified tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.56XA	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.56XB	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.56XC	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.56XD	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.56XE	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.56XF	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.56XG	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.56XH	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.56XJ	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.56XK	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.56XM	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.56XN	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.56XP	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.56XQ	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.56XR	Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.56XS	Nondisplaced fracture of medial malleolus of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.6	Fracture of lateral malleolus	Diagnosis	ICD-10-CM
S82.61	Displaced fracture of lateral malleolus of right fibula	Diagnosis	ICD-10-CM
S82.61XA	Displaced fracture of lateral malleolus of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.61XB	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.61XC	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.61XD	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.61XE	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.61XF	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.61XG	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.61XH	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.61XJ	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.61XK	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.61XM	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.61XN	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.61XP	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.61XQ	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.61XR	Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.61XS	Displaced fracture of lateral malleolus of right fibula, sequela	Diagnosis	ICD-10-CM
S82.62	Displaced fracture of lateral malleolus of left fibula	Diagnosis	ICD-10-CM
S82.62XA	Displaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.62XB	Displaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.62XC	Displaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.62XD	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.62XE	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.62XF	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.62XG	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.62XH	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.62XJ	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.62XK	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.62XM	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.62XN	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.62XP	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.62XQ	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.62XR	Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.62XS	Displaced fracture of lateral malleolus of left fibula, sequela	Diagnosis	ICD-10-CM
S82.63	Displaced fracture of lateral malleolus of unspecified fibula	Diagnosis	ICD-10-CM
S82.63XA	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.63XB	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.63XC	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.63XD	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.63XE	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.63XF	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.63XG	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.63XH	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.63XJ	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.63XK	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.63XM	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.63XN	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.63XP	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.63XQ	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.63XR	Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.63XS	Displaced fracture of lateral malleolus of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.64	Nondisplaced fracture of lateral malleolus of right fibula	Diagnosis	ICD-10-CM
S82.64XA	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.64XB	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.64XC	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.64XD	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.64XE	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.64XF	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.64XG	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.64XH	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.64XJ	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.64XK	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.64XM	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.64XN	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.64XP	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.64XQ	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.64XR	Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.64XS	Nondisplaced fracture of lateral malleolus of right fibula, sequela	Diagnosis	ICD-10-CM
S82.65	Nondisplaced fracture of lateral malleolus of left fibula	Diagnosis	ICD-10-CM
S82.65XA	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.65XB	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.65XC	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.65XD	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.65XE	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.65XF	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.65XG	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.65XH	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.65XJ	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.65XK	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.65XM	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.65XN	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.65XP	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.65XQ	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.65XR	Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.65XS	Nondisplaced fracture of lateral malleolus of left fibula, sequela	Diagnosis	ICD-10-CM
S82.66	Nondisplaced fracture of lateral malleolus of unspecified fibula	Diagnosis	ICD-10-CM
S82.66XA	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.66XB	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.66XC	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.66XD	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.66XE	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.66XF	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.66XG	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.66XH	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.66XJ	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.66XK	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.66XM	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.66XN	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.66XP	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.66XQ	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.66XR	Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.66XS	Nondisplaced fracture of lateral malleolus of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.8	Other fractures of lower leg	Diagnosis	ICD-10-CM
S82.81	Torus fracture of upper end of fibula	Diagnosis	ICD-10-CM
S82.811	Torus fracture of upper end of right fibula	Diagnosis	ICD-10-CM
S82.811A	Torus fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.811D	Torus fracture of upper end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.811G	Torus fracture of upper end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.811K	Torus fracture of upper end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.811P	Torus fracture of upper end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.811S	Torus fracture of upper end of right fibula, sequela	Diagnosis	ICD-10-CM
S82.812	Torus fracture of upper end of left fibula	Diagnosis	ICD-10-CM
S82.812A	Torus fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.812D	Torus fracture of upper end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.812G	Torus fracture of upper end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.812K	Torus fracture of upper end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.812P	Torus fracture of upper end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.812S	Torus fracture of upper end of left fibula, sequela	Diagnosis	ICD-10-CM
S82.819	Torus fracture of upper end of unspecified fibula	Diagnosis	ICD-10-CM
S82.819A	Torus fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.819D	Torus fracture of upper end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.819G	Torus fracture of upper end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.819K	Torus fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.819P	Torus fracture of upper end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.819S	Torus fracture of upper end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.82	Torus fracture of lower end of fibula	Diagnosis	ICD-10-CM
S82.821	Torus fracture of lower end of right fibula	Diagnosis	ICD-10-CM
S82.821A	Torus fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.821D	Torus fracture of lower end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.821G	Torus fracture of lower end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.821K	Torus fracture of lower end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.821P	Torus fracture of lower end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.821S	Torus fracture of lower end of right fibula, sequela	Diagnosis	ICD-10-CM
S82.822	Torus fracture of lower end of left fibula	Diagnosis	ICD-10-CM
S82.822A	Torus fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.822D	Torus fracture of lower end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.822G	Torus fracture of lower end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.822K	Torus fracture of lower end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.822P	Torus fracture of lower end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.822S	Torus fracture of lower end of left fibula, sequela	Diagnosis	ICD-10-CM
S82.829	Torus fracture of lower end of unspecified fibula	Diagnosis	ICD-10-CM
S82.829A	Torus fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.829D	Torus fracture of lower end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S82.829G	Torus fracture of lower end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S82.829K	Torus fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S82.829P	Torus fracture of lower end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S82.829S	Torus fracture of lower end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.83	Other fracture of upper and lower end of fibula	Diagnosis	ICD-10-CM
S82.831	Other fracture of upper and lower end of right fibula	Diagnosis	ICD-10-CM
S82.831A	Other fracture of upper and lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.831B	Other fracture of upper and lower end of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.831C	Other fracture of upper and lower end of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.831D	Other fracture of upper and lower end of right fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.831E	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.831F	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.831G	Other fracture of upper and lower end of right fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.831H	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.831J	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.831K	Other fracture of upper and lower end of right fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.831M	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.831N	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.831P	Other fracture of upper and lower end of right fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.831Q	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.831R	Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.831S	Other fracture of upper and lower end of right fibula, sequela	Diagnosis	ICD-10-CM
S82.832	Other fracture of upper and lower end of left fibula	Diagnosis	ICD-10-CM
S82.832A	Other fracture of upper and lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.832B	Other fracture of upper and lower end of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.832C	Other fracture of upper and lower end of left fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.832D	Other fracture of upper and lower end of left fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.832E	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.832F	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.832G	Other fracture of upper and lower end of left fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.832H	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.832J	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.832K	Other fracture of upper and lower end of left fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.832M	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.832N	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.832P	Other fracture of upper and lower end of left fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.832Q	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.832R	Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.832S	Other fracture of upper and lower end of left fibula, sequela	Diagnosis	ICD-10-CM
S82.839	Other fracture of upper and lower end of unspecified fibula	Diagnosis	ICD-10-CM
S82.839A	Other fracture of upper and lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.839B	Other fracture of upper and lower end of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.839C	Other fracture of upper and lower end of unspecified fibula, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.839D	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.839E	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.839F	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.839G	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.839H	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.839J	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.839K	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.839M	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.839N	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.839P	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.839Q	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.839R	Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.839S	Other fracture of upper and lower end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S82.84	Bimalleolar fracture of lower leg	Diagnosis	ICD-10-CM
S82.841	Displaced bimalleolar fracture of right lower leg	Diagnosis	ICD-10-CM
S82.841A	Displaced bimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.841B	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.841C	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.841D	Displaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.841E	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.841F	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.841G	Displaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.841H	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.841J	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.841K	Displaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.841M	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.841N	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.841P	Displaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.841Q	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.841R	Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.841S	Displaced bimalleolar fracture of right lower leg, sequela	Diagnosis	ICD-10-CM
S82.842	Displaced bimalleolar fracture of left lower leg	Diagnosis	ICD-10-CM
S82.842A	Displaced bimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.842B	Displaced bimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.842C	Displaced bimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.842D	Displaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.842E	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.842F	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.842G	Displaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.842H	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.842J	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.842K	Displaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.842M	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.842N	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.842P	Displaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.842Q	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.842R	Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.842S	Displaced bimalleolar fracture of left lower leg, sequela	Diagnosis	ICD-10-CM
S82.843	Displaced bimalleolar fracture of unspecified lower leg	Diagnosis	ICD-10-CM
S82.843A	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.843B	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.843C	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.843D	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.843E	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.843F	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.843G	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.843H	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.843J	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.843K	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.843M	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.843N	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.843P	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.843Q	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.843R	Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.843S	Displaced bimalleolar fracture of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82.844	Nondisplaced bimalleolar fracture of right lower leg	Diagnosis	ICD-10-CM
S82.844A	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.844B	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.844C	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.844D	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.844E	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.844F	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.844G	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.844H	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.844J	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.844K	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.844M	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.844N	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.844P	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.844Q	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.844R	Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.844S	Nondisplaced bimalleolar fracture of right lower leg, sequela	Diagnosis	ICD-10-CM
S82.845	Nondisplaced bimalleolar fracture of left lower leg	Diagnosis	ICD-10-CM
S82.845A	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.845B	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.845C	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.845D	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.845E	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.845F	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.845G	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.845H	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.845J	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.845K	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.845M	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.845N	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.845P	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.845Q	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.845R	Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.845S	Nondisplaced bimalleolar fracture of left lower leg, sequela	Diagnosis	ICD-10-CM
S82.846	Nondisplaced bimalleolar fracture of unspecified lower leg	Diagnosis	ICD-10-CM
S82.846A	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.846B	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.846C	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.846D	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.846E	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.846F	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.846G	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.846H	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.846J	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.846K	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.846M	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.846N	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.846P	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.846Q	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.846R	Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.846S	Nondisplaced bimalleolar fracture of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82.85	Trimalleolar fracture of lower leg	Diagnosis	ICD-10-CM
S82.851	Displaced trimalleolar fracture of right lower leg	Diagnosis	ICD-10-CM
S82.851A	Displaced trimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.851B	Displaced trimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.851C	Displaced trimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.851D	Displaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.851E	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.851F	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.851G	Displaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.851H	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.851J	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.851K	Displaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.851M	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.851N	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.851P	Displaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.851Q	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.851R	Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.851S	Displaced trimalleolar fracture of right lower leg, sequela	Diagnosis	ICD-10-CM
S82.852	Displaced trimalleolar fracture of left lower leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.852A	Displaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.852B	Displaced trimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.852C	Displaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.852D	Displaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.852E	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.852F	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.852G	Displaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.852H	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.852J	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.852K	Displaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.852M	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.852N	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.852P	Displaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.852Q	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.852R	Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.852S	Displaced trimalleolar fracture of left lower leg, sequela	Diagnosis	ICD-10-CM
S82.853	Displaced trimalleolar fracture of unspecified lower leg	Diagnosis	ICD-10-CM
S82.853A	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.853B	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.853C	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.853D	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.853E	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.853F	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.853G	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.853H	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.853J	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.853K	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.853M	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.853N	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.853P	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.853Q	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.853R	Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.853S	Displaced trimalleolar fracture of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82.854	Nondisplaced trimalleolar fracture of right lower leg	Diagnosis	ICD-10-CM
S82.854A	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.854B	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.854C	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.854D	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.854E	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.854F	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.854G	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.854H	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.854J	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.854K	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.854M	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.854N	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.854P	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.854Q	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.854R	Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.854S	Nondisplaced trimalleolar fracture of right lower leg, sequela	Diagnosis	ICD-10-CM
S82.855	Nondisplaced trimalleolar fracture of left lower leg	Diagnosis	ICD-10-CM
S82.855A	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.855B	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.855C	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.855D	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.855E	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.855F	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.855G	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.855H	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.855J	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.855K	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.855M	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.855N	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.855P	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.855Q	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.855R	Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.855S	Nondisplaced trimalleolar fracture of left lower leg, sequela	Diagnosis	ICD-10-CM
S82.856	Nondisplaced trimalleolar fracture of unspecified lower leg	Diagnosis	ICD-10-CM
S82.856A	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.856B	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.856C	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.856D	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.856E	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.856F	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.856G	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.856H	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.856J	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.856K	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.856M	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.856N	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.856P	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.856Q	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.856R	Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.856S	Nondisplaced trimalleolar fracture of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82.86	Maisonnette's fracture	Diagnosis	ICD-10-CM
S82.861	Displaced Maisonnette's fracture of right leg	Diagnosis	ICD-10-CM
S82.861A	Displaced Maisonnette's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.861B	Displaced Maisonnette's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.861C	Displaced Maisonnette's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.861D	Displaced Maisonnette's fracture of right leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.861E	Displaced Maisonnette's fracture of right leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.861F	Displaced Maisonnette's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.861G	Displaced Maisonnette's fracture of right leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.861H	Displaced Maisonnette's fracture of right leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.861J	Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.861K	Displaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.861M	Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.861N	Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.861P	Displaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.861Q	Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.861R	Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.861S	Displaced Maisonneuve's fracture of right leg, sequela	Diagnosis	ICD-10-CM
S82.862	Displaced Maisonneuve's fracture of left leg	Diagnosis	ICD-10-CM
S82.862A	Displaced Maisonneuve's fracture of left leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.862B	Displaced Maisonneuve's fracture of left leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.862C	Displaced Maisonneuve's fracture of left leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.862D	Displaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.862E	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.862F	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.862G	Displaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.862H	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.862J	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.862K	Displaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.862M	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.862N	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.862P	Displaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.862Q	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.862R	Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.862S	Displaced Maisonneuve's fracture of left leg, sequela	Diagnosis	ICD-10-CM
S82.863	Displaced Maisonneuve's fracture of unspecified leg	Diagnosis	ICD-10-CM
S82.863A	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.863B	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.863C	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.863D	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.863E	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.863F	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.863G	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.863H	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.863J	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.863K	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.863M	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.863N	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.863P	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.863Q	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.863R	Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.863S	Displaced Maisonneuve's fracture of unspecified leg, sequela	Diagnosis	ICD-10-CM
S82.864	Nondisplaced Maisonneuve's fracture of right leg	Diagnosis	ICD-10-CM
S82.864A	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.864B	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.864C	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.864D	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.864E	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.864F	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.864G	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.864H	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.864J	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.864K	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.864M	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.864N	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.864P	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.864Q	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.864R	Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.864S	Nondisplaced Maisonneuve's fracture of right leg, sequela	Diagnosis	ICD-10-CM
S82.865	Nondisplaced Maisonneuve's fracture of left leg	Diagnosis	ICD-10-CM
S82.865A	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.865B	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.865C	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.865D	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.865E	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.865F	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.865G	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.865H	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.865J	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.865K	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.865M	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.865N	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.865P	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.865Q	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.865R	Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.865S	Nondisplaced Maisonneuve's fracture of left leg, sequela	Diagnosis	ICD-10-CM
S82.866	Nondisplaced Maisonneuve's fracture of unspecified leg	Diagnosis	ICD-10-CM
S82.866A	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.866B	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.866C	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.866D	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.866E	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.866F	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.866G	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.866H	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.866J	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.866K	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.866M	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.866N	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.866P	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.866Q	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.866R	Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.866S	Nondisplaced Maisonneuve's fracture of unspecified leg, sequela	Diagnosis	ICD-10-CM
S82.87	Pilon fracture of tibia	Diagnosis	ICD-10-CM
S82.871	Displaced pilon fracture of right tibia	Diagnosis	ICD-10-CM
S82.871A	Displaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.871B	Displaced pilon fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.871C	Displaced pilon fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.871D	Displaced pilon fracture of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.871E	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.871F	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.871G	Displaced pilon fracture of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.871H	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.871J	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.871K	Displaced pilon fracture of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.871M	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.871N	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.871P	Displaced pilon fracture of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.871Q	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.871R	Displaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.871S	Displaced pilon fracture of right tibia, sequela	Diagnosis	ICD-10-CM
S82.872	Displaced pilon fracture of left tibia	Diagnosis	ICD-10-CM
S82.872A	Displaced pilon fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.872B	Displaced pilon fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.872C	Displaced pilon fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.872D	Displaced pilon fracture of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.872E	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.872F	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.872G	Displaced pilon fracture of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.872H	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.872J	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.872K	Displaced pilon fracture of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.872M	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.872N	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.872P	Displaced pilon fracture of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.872Q	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.872R	Displaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.872S	Displaced pilon fracture of left tibia, sequela	Diagnosis	ICD-10-CM
S82.873	Displaced pilon fracture of unspecified tibia	Diagnosis	ICD-10-CM
S82.873A	Displaced pilon fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.873B	Displaced pilon fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.873C	Displaced pilon fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.873D	Displaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.873E	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.873F	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.873G	Displaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.873H	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.873J	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.873K	Displaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.873M	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.873N	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.873P	Displaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.873Q	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.873R	Displaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.873S	Displaced pilon fracture of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.874	Nondisplaced pilon fracture of right tibia	Diagnosis	ICD-10-CM
S82.874A	Nondisplaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.874B	Nondisplaced pilon fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.874C	Nondisplaced pilon fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.874D	Nondisplaced pilon fracture of right tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.874E	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.874F	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.874G	Nondisplaced pilon fracture of right tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.874H	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.874J	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.874K	Nondisplaced pilon fracture of right tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.874M	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.874N	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.874P	Nondisplaced pilon fracture of right tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.874Q	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.874R	Nondisplaced pilon fracture of right tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.874S	Nondisplaced pilon fracture of right tibia, sequela	Diagnosis	ICD-10-CM
S82.875	Nondisplaced pilon fracture of left tibia	Diagnosis	ICD-10-CM
S82.875A	Nondisplaced pilon fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.875B	Nondisplaced pilon fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.875C	Nondisplaced pilon fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.875D	Nondisplaced pilon fracture of left tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.875E	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.875F	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.875G	Nondisplaced pilon fracture of left tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.875H	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.875J	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.875K	Nondisplaced pilon fracture of left tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.875M	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.875N	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.875P	Nondisplaced pilon fracture of left tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.875Q	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.875R	Nondisplaced pilon fracture of left tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.875S	Nondisplaced pilon fracture of left tibia, sequela	Diagnosis	ICD-10-CM
S82.876	Nondisplaced pilon fracture of unspecified tibia	Diagnosis	ICD-10-CM
S82.876A	Nondisplaced pilon fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.876B	Nondisplaced pilon fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.876C	Nondisplaced pilon fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.876D	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.876E	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.876F	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.876G	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.876H	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.876J	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.876K	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.876M	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.876N	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.876P	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.876Q	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.876R	Nondisplaced pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.876S	Nondisplaced pilon fracture of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S82.89	Other fractures of lower leg	Diagnosis	ICD-10-CM
S82.891	Other fracture of right lower leg	Diagnosis	ICD-10-CM
S82.891A	Other fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.891B	Other fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.891C	Other fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.891D	Other fracture of right lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.891E	Other fracture of right lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.891F	Other fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.891G	Other fracture of right lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.891H	Other fracture of right lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.891J	Other fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.891K	Other fracture of right lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.891M	Other fracture of right lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.891N	Other fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.891P	Other fracture of right lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.891Q	Other fracture of right lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.891R	Other fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.891S	Other fracture of right lower leg, sequela	Diagnosis	ICD-10-CM
S82.892	Other fracture of left lower leg	Diagnosis	ICD-10-CM
S82.892A	Other fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.892B	Other fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.892C	Other fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.892D	Other fracture of left lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.892E	Other fracture of left lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.892F	Other fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.892G	Other fracture of left lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.892H	Other fracture of left lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.892J	Other fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.892K	Other fracture of left lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.892M	Other fracture of left lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.892N	Other fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.892P	Other fracture of left lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.892Q	Other fracture of left lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.892R	Other fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.892S	Other fracture of left lower leg, sequela	Diagnosis	ICD-10-CM
S82.899	Other fracture of unspecified lower leg	Diagnosis	ICD-10-CM
S82.899A	Other fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.899B	Other fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.899C	Other fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIB, or IIC	Diagnosis	ICD-10-CM
S82.899D	Other fracture of unspecified lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.899E	Other fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.899F	Other fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with routine healing	Diagnosis	ICD-10-CM
S82.899G	Other fracture of unspecified lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.899H	Other fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.899J	Other fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.899K	Other fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.899M	Other fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.899N	Other fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.899P	Other fracture of unspecified lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.899Q	Other fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.899R	Other fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.899S	Other fracture of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82.9	Unspecified fracture of lower leg	Diagnosis	ICD-10-CM
S82.90	Unspecified fracture of unspecified lower leg	Diagnosis	ICD-10-CM
S82.90XA	Unspecified fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.90XB	Unspecified fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.90XC	Unspecified fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.90XD	Unspecified fracture of unspecified lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.90XE	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.90XF	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.90XG	Unspecified fracture of unspecified lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.90XH	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.90XJ	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.90XK	Unspecified fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.90XM	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.90XN	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.90XP	Unspecified fracture of unspecified lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.90XQ	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.90XR	Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.90XS	Unspecified fracture of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S82.91	Unspecified fracture of right lower leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.91XA	Unspecified fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.91XB	Unspecified fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.91XC	Unspecified fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.91XD	Unspecified fracture of right lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.91XE	Unspecified fracture of right lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.91XF	Unspecified fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.91XG	Unspecified fracture of right lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM
S82.91XH	Unspecified fracture of right lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.91XJ	Unspecified fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing	Diagnosis	ICD-10-CM
S82.91XK	Unspecified fracture of right lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.91XM	Unspecified fracture of right lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.91XN	Unspecified fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion	Diagnosis	ICD-10-CM
S82.91XP	Unspecified fracture of right lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.91XQ	Unspecified fracture of right lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.91XR	Unspecified fracture of right lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion	Diagnosis	ICD-10-CM
S82.91XS	Unspecified fracture of right lower leg, sequela	Diagnosis	ICD-10-CM
S82.92	Unspecified fracture of left lower leg	Diagnosis	ICD-10-CM
S82.92XA	Unspecified fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.92XB	Unspecified fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.92XC	Unspecified fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.92XD	Unspecified fracture of left lower leg, subsequent encounter for closed fracture with routine healing	Diagnosis	ICD-10-CM
S82.92XE	Unspecified fracture of left lower leg, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S82.92XF	Unspecified fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing	Diagnosis	ICD-10-CM
S82.92XG	Unspecified fracture of left lower leg, subsequent encounter for closed fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S82.92XH	Unspecified fracture of left lower leg, subsequent encounter for open fracture type I or II with delayed healing	Diagnosis	ICD-10-CM
S82.92XJ	Unspecified fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with delayed healing	Diagnosis	ICD-10-CM
S82.92XK	Unspecified fracture of left lower leg, subsequent encounter for closed fracture with nonunion	Diagnosis	ICD-10-CM
S82.92XM	Unspecified fracture of left lower leg, subsequent encounter for open fracture type I or II with nonunion	Diagnosis	ICD-10-CM
S82.92XN	Unspecified fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with nonunion	Diagnosis	ICD-10-CM
S82.92XP	Unspecified fracture of left lower leg, subsequent encounter for closed fracture with malunion	Diagnosis	ICD-10-CM
S82.92XQ	Unspecified fracture of left lower leg, subsequent encounter for open fracture type I or II with malunion	Diagnosis	ICD-10-CM
S82.92XR	Unspecified fracture of left lower leg, subsequent encounter for open fracture type IIIA, IIB, or IIC with malunion	Diagnosis	ICD-10-CM
S82.92XS	Unspecified fracture of left lower leg, sequela	Diagnosis	ICD-10-CM
S83	Dislocation and sprain of joints and ligaments of knee	Diagnosis	ICD-10-CM
S83.0	Subluxation and dislocation of patella	Diagnosis	ICD-10-CM
S83.00	Unspecified subluxation and dislocation of patella	Diagnosis	ICD-10-CM
S83.001	Unspecified subluxation of right patella	Diagnosis	ICD-10-CM
S83.001A	Unspecified subluxation of right patella, initial encounter	Diagnosis	ICD-10-CM
S83.001D	Unspecified subluxation of right patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.001S	Unspecified subluxation of right patella, sequela	Diagnosis	ICD-10-CM
S83.002	Unspecified subluxation of left patella	Diagnosis	ICD-10-CM
S83.002A	Unspecified subluxation of left patella, initial encounter	Diagnosis	ICD-10-CM
S83.002D	Unspecified subluxation of left patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.002S	Unspecified subluxation of left patella, sequela	Diagnosis	ICD-10-CM
S83.003	Unspecified subluxation of unspecified patella	Diagnosis	ICD-10-CM
S83.003A	Unspecified subluxation of unspecified patella, initial encounter	Diagnosis	ICD-10-CM
S83.003D	Unspecified subluxation of unspecified patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.003S	Unspecified subluxation of unspecified patella, sequela	Diagnosis	ICD-10-CM
S83.004	Unspecified dislocation of right patella	Diagnosis	ICD-10-CM
S83.004A	Unspecified dislocation of right patella, initial encounter	Diagnosis	ICD-10-CM
S83.004D	Unspecified dislocation of right patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.004S	Unspecified dislocation of right patella, sequela	Diagnosis	ICD-10-CM
S83.005	Unspecified dislocation of left patella	Diagnosis	ICD-10-CM
S83.005A	Unspecified dislocation of left patella, initial encounter	Diagnosis	ICD-10-CM
S83.005D	Unspecified dislocation of left patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.005S	Unspecified dislocation of left patella, sequela	Diagnosis	ICD-10-CM
S83.006	Unspecified dislocation of unspecified patella	Diagnosis	ICD-10-CM
S83.006A	Unspecified dislocation of unspecified patella, initial encounter	Diagnosis	ICD-10-CM
S83.006D	Unspecified dislocation of unspecified patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.006S	Unspecified dislocation of unspecified patella, sequela	Diagnosis	ICD-10-CM
S83.01	Lateral subluxation and dislocation of patella	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.011	Lateral subluxation of right patella	Diagnosis	ICD-10-CM
S83.011A	Lateral subluxation of right patella, initial encounter	Diagnosis	ICD-10-CM
S83.011D	Lateral subluxation of right patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.011S	Lateral subluxation of right patella, sequela	Diagnosis	ICD-10-CM
S83.012	Lateral subluxation of left patella	Diagnosis	ICD-10-CM
S83.012A	Lateral subluxation of left patella, initial encounter	Diagnosis	ICD-10-CM
S83.012D	Lateral subluxation of left patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.012S	Lateral subluxation of left patella, sequela	Diagnosis	ICD-10-CM
S83.013	Lateral subluxation of unspecified patella	Diagnosis	ICD-10-CM
S83.013A	Lateral subluxation of unspecified patella, initial encounter	Diagnosis	ICD-10-CM
S83.013D	Lateral subluxation of unspecified patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.013S	Lateral subluxation of unspecified patella, sequela	Diagnosis	ICD-10-CM
S83.014	Lateral dislocation of right patella	Diagnosis	ICD-10-CM
S83.014A	Lateral dislocation of right patella, initial encounter	Diagnosis	ICD-10-CM
S83.014D	Lateral dislocation of right patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.014S	Lateral dislocation of right patella, sequela	Diagnosis	ICD-10-CM
S83.015	Lateral dislocation of left patella	Diagnosis	ICD-10-CM
S83.015A	Lateral dislocation of left patella, initial encounter	Diagnosis	ICD-10-CM
S83.015D	Lateral dislocation of left patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.015S	Lateral dislocation of left patella, sequela	Diagnosis	ICD-10-CM
S83.016	Lateral dislocation of unspecified patella	Diagnosis	ICD-10-CM
S83.016A	Lateral dislocation of unspecified patella, initial encounter	Diagnosis	ICD-10-CM
S83.016D	Lateral dislocation of unspecified patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.016S	Lateral dislocation of unspecified patella, sequela	Diagnosis	ICD-10-CM
S83.09	Other subluxation and dislocation of patella	Diagnosis	ICD-10-CM
S83.091	Other subluxation of right patella	Diagnosis	ICD-10-CM
S83.091A	Other subluxation of right patella, initial encounter	Diagnosis	ICD-10-CM
S83.091D	Other subluxation of right patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.091S	Other subluxation of right patella, sequela	Diagnosis	ICD-10-CM
S83.092	Other subluxation of left patella	Diagnosis	ICD-10-CM
S83.092A	Other subluxation of left patella, initial encounter	Diagnosis	ICD-10-CM
S83.092D	Other subluxation of left patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.092S	Other subluxation of left patella, sequela	Diagnosis	ICD-10-CM
S83.093	Other subluxation of unspecified patella	Diagnosis	ICD-10-CM
S83.093A	Other subluxation of unspecified patella, initial encounter	Diagnosis	ICD-10-CM
S83.093D	Other subluxation of unspecified patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.093S	Other subluxation of unspecified patella, sequela	Diagnosis	ICD-10-CM
S83.094	Other dislocation of right patella	Diagnosis	ICD-10-CM
S83.094A	Other dislocation of right patella, initial encounter	Diagnosis	ICD-10-CM
S83.094D	Other dislocation of right patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.094S	Other dislocation of right patella, sequela	Diagnosis	ICD-10-CM
S83.095	Other dislocation of left patella	Diagnosis	ICD-10-CM
S83.095A	Other dislocation of left patella, initial encounter	Diagnosis	ICD-10-CM
S83.095D	Other dislocation of left patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.095S	Other dislocation of left patella, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.096	Other dislocation of unspecified patella	Diagnosis	ICD-10-CM
S83.096A	Other dislocation of unspecified patella, initial encounter	Diagnosis	ICD-10-CM
S83.096D	Other dislocation of unspecified patella, subsequent encounter	Diagnosis	ICD-10-CM
S83.096S	Other dislocation of unspecified patella, sequela	Diagnosis	ICD-10-CM
S83.1	Subluxation and dislocation of knee	Diagnosis	ICD-10-CM
S83.10	Unspecified subluxation and dislocation of knee	Diagnosis	ICD-10-CM
S83.101	Unspecified subluxation of right knee	Diagnosis	ICD-10-CM
S83.101A	Unspecified subluxation of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.101D	Unspecified subluxation of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.101S	Unspecified subluxation of right knee, sequela	Diagnosis	ICD-10-CM
S83.102	Unspecified subluxation of left knee	Diagnosis	ICD-10-CM
S83.102A	Unspecified subluxation of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.102D	Unspecified subluxation of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.102S	Unspecified subluxation of left knee, sequela	Diagnosis	ICD-10-CM
S83.103	Unspecified subluxation of unspecified knee	Diagnosis	ICD-10-CM
S83.103A	Unspecified subluxation of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.103D	Unspecified subluxation of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.103S	Unspecified subluxation of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.104	Unspecified dislocation of right knee	Diagnosis	ICD-10-CM
S83.104A	Unspecified dislocation of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.104D	Unspecified dislocation of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.104S	Unspecified dislocation of right knee, sequela	Diagnosis	ICD-10-CM
S83.105	Unspecified dislocation of left knee	Diagnosis	ICD-10-CM
S83.105A	Unspecified dislocation of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.105D	Unspecified dislocation of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.105S	Unspecified dislocation of left knee, sequela	Diagnosis	ICD-10-CM
S83.106	Unspecified dislocation of unspecified knee	Diagnosis	ICD-10-CM
S83.106A	Unspecified dislocation of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.106D	Unspecified dislocation of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.106S	Unspecified dislocation of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.11	Anterior subluxation and dislocation of proximal end of tibia	Diagnosis	ICD-10-CM
S83.111	Anterior subluxation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.111A	Anterior subluxation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.111D	Anterior subluxation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.111S	Anterior subluxation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.112	Anterior subluxation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.112A	Anterior subluxation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.112D	Anterior subluxation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.112S	Anterior subluxation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.113	Anterior subluxation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.113A	Anterior subluxation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.113D	Anterior subluxation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.113S	Anterior subluxation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.114	Anterior dislocation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.114A	Anterior dislocation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.114D	Anterior dislocation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.114S	Anterior dislocation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.115	Anterior dislocation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.115A	Anterior dislocation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.115D	Anterior dislocation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.115S	Anterior dislocation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.116	Anterior dislocation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.116A	Anterior dislocation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.116D	Anterior dislocation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.116S	Anterior dislocation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.12	Posterior subluxation and dislocation of proximal end of tibia	Diagnosis	ICD-10-CM
S83.121	Posterior subluxation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.121A	Posterior subluxation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.121D	Posterior subluxation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.121S	Posterior subluxation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.122	Posterior subluxation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.122A	Posterior subluxation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.122D	Posterior subluxation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.122S	Posterior subluxation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.123	Posterior subluxation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.123A	Posterior subluxation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.123D	Posterior subluxation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.123S	Posterior subluxation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.124	Posterior dislocation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.124A	Posterior dislocation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.124D	Posterior dislocation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.124S	Posterior dislocation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.125	Posterior dislocation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.125A	Posterior dislocation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.125D	Posterior dislocation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.125S	Posterior dislocation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.126	Posterior dislocation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.126A	Posterior dislocation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.126D	Posterior dislocation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.126S	Posterior dislocation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.13	Medial subluxation and dislocation of proximal end of tibia	Diagnosis	ICD-10-CM
S83.131	Medial subluxation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.131A	Medial subluxation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.131D	Medial subluxation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.131S	Medial subluxation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.132	Medial subluxation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.132A	Medial subluxation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.132D	Medial subluxation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.132S	Medial subluxation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.133	Medial subluxation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.133A	Medial subluxation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.133D	Medial subluxation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.133S	Medial subluxation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.134	Medial dislocation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.134A	Medial dislocation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.134D	Medial dislocation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.134S	Medial dislocation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.135	Medial dislocation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.135A	Medial dislocation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.135D	Medial dislocation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.135S	Medial dislocation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.136	Medial dislocation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.136A	Medial dislocation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.136D	Medial dislocation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.136S	Medial dislocation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.14	Lateral subluxation and dislocation of proximal end of tibia	Diagnosis	ICD-10-CM
S83.141	Lateral subluxation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.141A	Lateral subluxation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.141D	Lateral subluxation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.141S	Lateral subluxation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.142	Lateral subluxation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.142A	Lateral subluxation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.142D	Lateral subluxation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.142S	Lateral subluxation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.143	Lateral subluxation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM
S83.143A	Lateral subluxation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.143D	Lateral subluxation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.143S	Lateral subluxation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.144	Lateral dislocation of proximal end of tibia, right knee	Diagnosis	ICD-10-CM
S83.144A	Lateral dislocation of proximal end of tibia, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.144D	Lateral dislocation of proximal end of tibia, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.144S	Lateral dislocation of proximal end of tibia, right knee, sequela	Diagnosis	ICD-10-CM
S83.145	Lateral dislocation of proximal end of tibia, left knee	Diagnosis	ICD-10-CM
S83.145A	Lateral dislocation of proximal end of tibia, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.145D	Lateral dislocation of proximal end of tibia, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.145S	Lateral dislocation of proximal end of tibia, left knee, sequela	Diagnosis	ICD-10-CM
S83.146	Lateral dislocation of proximal end of tibia, unspecified knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.146A	Lateral dislocation of proximal end of tibia, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.146D	Lateral dislocation of proximal end of tibia, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.146S	Lateral dislocation of proximal end of tibia, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.19	Other subluxation and dislocation of knee	Diagnosis	ICD-10-CM
S83.191	Other subluxation of right knee	Diagnosis	ICD-10-CM
S83.191A	Other subluxation of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.191D	Other subluxation of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.191S	Other subluxation of right knee, sequela	Diagnosis	ICD-10-CM
S83.192	Other subluxation of left knee	Diagnosis	ICD-10-CM
S83.192A	Other subluxation of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.192D	Other subluxation of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.192S	Other subluxation of left knee, sequela	Diagnosis	ICD-10-CM
S83.193	Other subluxation of unspecified knee	Diagnosis	ICD-10-CM
S83.193A	Other subluxation of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.193D	Other subluxation of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.193S	Other subluxation of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.194	Other dislocation of right knee	Diagnosis	ICD-10-CM
S83.194A	Other dislocation of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.194D	Other dislocation of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.194S	Other dislocation of right knee, sequela	Diagnosis	ICD-10-CM
S83.195	Other dislocation of left knee	Diagnosis	ICD-10-CM
S83.195A	Other dislocation of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.195D	Other dislocation of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.195S	Other dislocation of left knee, sequela	Diagnosis	ICD-10-CM
S83.196	Other dislocation of unspecified knee	Diagnosis	ICD-10-CM
S83.196A	Other dislocation of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.196D	Other dislocation of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.196S	Other dislocation of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.2	Tear of meniscus, current injury	Diagnosis	ICD-10-CM
S83.20	Tear of unspecified meniscus, current injury	Diagnosis	ICD-10-CM
S83.200	Bucket-handle tear of unspecified meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.200A	Bucket-handle tear of unspecified meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.200D	Bucket-handle tear of unspecified meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.200S	Bucket-handle tear of unspecified meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.201	Bucket-handle tear of unspecified meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.201A	Bucket-handle tear of unspecified meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.201D	Bucket-handle tear of unspecified meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.201S	Bucket-handle tear of unspecified meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.202	Bucket-handle tear of unspecified meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.202A	Bucket-handle tear of unspecified meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.202D	Bucket-handle tear of unspecified meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.202S	Bucket-handle tear of unspecified meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.203	Other tear of unspecified meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.203A	Other tear of unspecified meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.203D	Other tear of unspecified meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.203S	Other tear of unspecified meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.204	Other tear of unspecified meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.204A	Other tear of unspecified meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.204D	Other tear of unspecified meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.204S	Other tear of unspecified meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.205	Other tear of unspecified meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.205A	Other tear of unspecified meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.205D	Other tear of unspecified meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.205S	Other tear of unspecified meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.206	Unspecified tear of unspecified meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.206A	Unspecified tear of unspecified meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.206D	Unspecified tear of unspecified meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.206S	Unspecified tear of unspecified meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.207	Unspecified tear of unspecified meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.207A	Unspecified tear of unspecified meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.207D	Unspecified tear of unspecified meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.207S	Unspecified tear of unspecified meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.209	Unspecified tear of unspecified meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.209A	Unspecified tear of unspecified meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.209D	Unspecified tear of unspecified meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.209S	Unspecified tear of unspecified meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.21	Bucket-handle tear of medial meniscus, current injury	Diagnosis	ICD-10-CM
S83.211	Bucket-handle tear of medial meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.211A	Bucket-handle tear of medial meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.211D	Bucket-handle tear of medial meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.211S	Bucket-handle tear of medial meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.212	Bucket-handle tear of medial meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.212A	Bucket-handle tear of medial meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.212D	Bucket-handle tear of medial meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.212S	Bucket-handle tear of medial meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.219	Bucket-handle tear of medial meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.219A	Bucket-handle tear of medial meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.219D	Bucket-handle tear of medial meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.219S	Bucket-handle tear of medial meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.22	Peripheral tear of medial meniscus, current injury	Diagnosis	ICD-10-CM
S83.221	Peripheral tear of medial meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.221A	Peripheral tear of medial meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.221D	Peripheral tear of medial meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.221S	Peripheral tear of medial meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.222	Peripheral tear of medial meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.222A	Peripheral tear of medial meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.222D	Peripheral tear of medial meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.222S	Peripheral tear of medial meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.229	Peripheral tear of medial meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.229A	Peripheral tear of medial meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.229D	Peripheral tear of medial meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.229S	Peripheral tear of medial meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.23	Complex tear of medial meniscus, current injury	Diagnosis	ICD-10-CM
S83.231	Complex tear of medial meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.231A	Complex tear of medial meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.231D	Complex tear of medial meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.231S	Complex tear of medial meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.232	Complex tear of medial meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.232A	Complex tear of medial meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.232D	Complex tear of medial meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.232S	Complex tear of medial meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.239	Complex tear of medial meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.239A	Complex tear of medial meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.239D	Complex tear of medial meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.239S	Complex tear of medial meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.24	Other tear of medial meniscus, current injury	Diagnosis	ICD-10-CM
S83.241	Other tear of medial meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.241A	Other tear of medial meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.241D	Other tear of medial meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.241S	Other tear of medial meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.242	Other tear of medial meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.242A	Other tear of medial meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.242D	Other tear of medial meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.242S	Other tear of medial meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.249	Other tear of medial meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.249A	Other tear of medial meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.249D	Other tear of medial meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.249S	Other tear of medial meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.25	Bucket-handle tear of lateral meniscus, current injury	Diagnosis	ICD-10-CM
S83.251	Bucket-handle tear of lateral meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.251A	Bucket-handle tear of lateral meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.251D	Bucket-handle tear of lateral meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.251S	Bucket-handle tear of lateral meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.252	Bucket-handle tear of lateral meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.252A	Bucket-handle tear of lateral meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.252D	Bucket-handle tear of lateral meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.252S	Bucket-handle tear of lateral meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.259	Bucket-handle tear of lateral meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.259A	Bucket-handle tear of lateral meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.259D	Bucket-handle tear of lateral meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.259S	Bucket-handle tear of lateral meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.26	Peripheral tear of lateral meniscus, current injury	Diagnosis	ICD-10-CM
S83.261	Peripheral tear of lateral meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.261A	Peripheral tear of lateral meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.261D	Peripheral tear of lateral meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.261S	Peripheral tear of lateral meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.262	Peripheral tear of lateral meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.262A	Peripheral tear of lateral meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.262D	Peripheral tear of lateral meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.262S	Peripheral tear of lateral meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.269	Peripheral tear of lateral meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.269A	Peripheral tear of lateral meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.269D	Peripheral tear of lateral meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.269S	Peripheral tear of lateral meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.27	Complex tear of lateral meniscus, current injury	Diagnosis	ICD-10-CM
S83.271	Complex tear of lateral meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.271A	Complex tear of lateral meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.271D	Complex tear of lateral meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.271S	Complex tear of lateral meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.272	Complex tear of lateral meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.272A	Complex tear of lateral meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.272D	Complex tear of lateral meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.272S	Complex tear of lateral meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.279	Complex tear of lateral meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.279A	Complex tear of lateral meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.279D	Complex tear of lateral meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.279S	Complex tear of lateral meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.28	Other tear of lateral meniscus, current injury	Diagnosis	ICD-10-CM
S83.281	Other tear of lateral meniscus, current injury, right knee	Diagnosis	ICD-10-CM
S83.281A	Other tear of lateral meniscus, current injury, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.281D	Other tear of lateral meniscus, current injury, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.281S	Other tear of lateral meniscus, current injury, right knee, sequela	Diagnosis	ICD-10-CM
S83.282	Other tear of lateral meniscus, current injury, left knee	Diagnosis	ICD-10-CM
S83.282A	Other tear of lateral meniscus, current injury, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.282D	Other tear of lateral meniscus, current injury, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.282S	Other tear of lateral meniscus, current injury, left knee, sequela	Diagnosis	ICD-10-CM
S83.289	Other tear of lateral meniscus, current injury, unspecified knee	Diagnosis	ICD-10-CM
S83.289A	Other tear of lateral meniscus, current injury, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.289D	Other tear of lateral meniscus, current injury, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.289S	Other tear of lateral meniscus, current injury, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.3	Tear of articular cartilage of knee, current	Diagnosis	ICD-10-CM
S83.30	Tear of articular cartilage of unspecified knee, current	Diagnosis	ICD-10-CM
S83.30XA	Tear of articular cartilage of unspecified knee, current, initial encounter	Diagnosis	ICD-10-CM
S83.30XD	Tear of articular cartilage of unspecified knee, current, subsequent encounter	Diagnosis	ICD-10-CM
S83.30XS	Tear of articular cartilage of unspecified knee, current, sequela	Diagnosis	ICD-10-CM
S83.31	Tear of articular cartilage of right knee, current	Diagnosis	ICD-10-CM
S83.31XA	Tear of articular cartilage of right knee, current, initial encounter	Diagnosis	ICD-10-CM
S83.31XD	Tear of articular cartilage of right knee, current, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.31XS	Tear of articular cartilage of right knee, current, sequela	Diagnosis	ICD-10-CM
S83.32	Tear of articular cartilage of left knee, current	Diagnosis	ICD-10-CM
S83.32XA	Tear of articular cartilage of left knee, current, initial encounter	Diagnosis	ICD-10-CM
S83.32XD	Tear of articular cartilage of left knee, current, subsequent encounter	Diagnosis	ICD-10-CM
S83.32XS	Tear of articular cartilage of left knee, current, sequela	Diagnosis	ICD-10-CM
S83.4	Sprain of collateral ligament of knee	Diagnosis	ICD-10-CM
S83.40	Sprain of unspecified collateral ligament of knee	Diagnosis	ICD-10-CM
S83.401	Sprain of unspecified collateral ligament of right knee	Diagnosis	ICD-10-CM
S83.401A	Sprain of unspecified collateral ligament of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.401D	Sprain of unspecified collateral ligament of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.401S	Sprain of unspecified collateral ligament of right knee, sequela	Diagnosis	ICD-10-CM
S83.402	Sprain of unspecified collateral ligament of left knee	Diagnosis	ICD-10-CM
S83.402A	Sprain of unspecified collateral ligament of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.402D	Sprain of unspecified collateral ligament of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.402S	Sprain of unspecified collateral ligament of left knee, sequela	Diagnosis	ICD-10-CM
S83.409	Sprain of unspecified collateral ligament of unspecified knee	Diagnosis	ICD-10-CM
S83.409A	Sprain of unspecified collateral ligament of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.409D	Sprain of unspecified collateral ligament of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.409S	Sprain of unspecified collateral ligament of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.41	Sprain of medial collateral ligament of knee	Diagnosis	ICD-10-CM
S83.411	Sprain of medial collateral ligament of right knee	Diagnosis	ICD-10-CM
S83.411A	Sprain of medial collateral ligament of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.411D	Sprain of medial collateral ligament of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.411S	Sprain of medial collateral ligament of right knee, sequela	Diagnosis	ICD-10-CM
S83.412	Sprain of medial collateral ligament of left knee	Diagnosis	ICD-10-CM
S83.412A	Sprain of medial collateral ligament of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.412D	Sprain of medial collateral ligament of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.412S	Sprain of medial collateral ligament of left knee, sequela	Diagnosis	ICD-10-CM
S83.419	Sprain of medial collateral ligament of unspecified knee	Diagnosis	ICD-10-CM
S83.419A	Sprain of medial collateral ligament of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.419D	Sprain of medial collateral ligament of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.419S	Sprain of medial collateral ligament of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.42	Sprain of lateral collateral ligament of knee	Diagnosis	ICD-10-CM
S83.421	Sprain of lateral collateral ligament of right knee	Diagnosis	ICD-10-CM
S83.421A	Sprain of lateral collateral ligament of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.421D	Sprain of lateral collateral ligament of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.421S	Sprain of lateral collateral ligament of right knee, sequela	Diagnosis	ICD-10-CM
S83.422	Sprain of lateral collateral ligament of left knee	Diagnosis	ICD-10-CM
S83.422A	Sprain of lateral collateral ligament of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.422D	Sprain of lateral collateral ligament of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.422S	Sprain of lateral collateral ligament of left knee, sequela	Diagnosis	ICD-10-CM
S83.429	Sprain of lateral collateral ligament of unspecified knee	Diagnosis	ICD-10-CM
S83.429A	Sprain of lateral collateral ligament of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.429D	Sprain of lateral collateral ligament of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.429S	Sprain of lateral collateral ligament of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.5	Sprain of cruciate ligament of knee	Diagnosis	ICD-10-CM
S83.50	Sprain of unspecified cruciate ligament of knee	Diagnosis	ICD-10-CM
S83.501	Sprain of unspecified cruciate ligament of right knee	Diagnosis	ICD-10-CM
S83.501A	Sprain of unspecified cruciate ligament of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.501D	Sprain of unspecified cruciate ligament of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.501S	Sprain of unspecified cruciate ligament of right knee, sequela	Diagnosis	ICD-10-CM
S83.502	Sprain of unspecified cruciate ligament of left knee	Diagnosis	ICD-10-CM
S83.502A	Sprain of unspecified cruciate ligament of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.502D	Sprain of unspecified cruciate ligament of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.502S	Sprain of unspecified cruciate ligament of left knee, sequela	Diagnosis	ICD-10-CM
S83.509	Sprain of unspecified cruciate ligament of unspecified knee	Diagnosis	ICD-10-CM
S83.509A	Sprain of unspecified cruciate ligament of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.509D	Sprain of unspecified cruciate ligament of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.509S	Sprain of unspecified cruciate ligament of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.51	Sprain of anterior cruciate ligament of knee	Diagnosis	ICD-10-CM
S83.511	Sprain of anterior cruciate ligament of right knee	Diagnosis	ICD-10-CM
S83.511A	Sprain of anterior cruciate ligament of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.511D	Sprain of anterior cruciate ligament of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.511S	Sprain of anterior cruciate ligament of right knee, sequela	Diagnosis	ICD-10-CM
S83.512	Sprain of anterior cruciate ligament of left knee	Diagnosis	ICD-10-CM
S83.512A	Sprain of anterior cruciate ligament of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.512D	Sprain of anterior cruciate ligament of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.512S	Sprain of anterior cruciate ligament of left knee, sequela	Diagnosis	ICD-10-CM
S83.519	Sprain of anterior cruciate ligament of unspecified knee	Diagnosis	ICD-10-CM
S83.519A	Sprain of anterior cruciate ligament of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.519D	Sprain of anterior cruciate ligament of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.519S	Sprain of anterior cruciate ligament of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.52	Sprain of posterior cruciate ligament of knee	Diagnosis	ICD-10-CM
S83.521	Sprain of posterior cruciate ligament of right knee	Diagnosis	ICD-10-CM
S83.521A	Sprain of posterior cruciate ligament of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.521D	Sprain of posterior cruciate ligament of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.521S	Sprain of posterior cruciate ligament of right knee, sequela	Diagnosis	ICD-10-CM
S83.522	Sprain of posterior cruciate ligament of left knee	Diagnosis	ICD-10-CM
S83.522A	Sprain of posterior cruciate ligament of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.522D	Sprain of posterior cruciate ligament of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.522S	Sprain of posterior cruciate ligament of left knee, sequela	Diagnosis	ICD-10-CM
S83.529	Sprain of posterior cruciate ligament of unspecified knee	Diagnosis	ICD-10-CM
S83.529A	Sprain of posterior cruciate ligament of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.529D	Sprain of posterior cruciate ligament of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.529S	Sprain of posterior cruciate ligament of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.6	Sprain of the superior tibiofibular joint and ligament	Diagnosis	ICD-10-CM
S83.60	Sprain of the superior tibiofibular joint and ligament, unspecified knee	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S83.60XA	Sprain of the superior tibiofibular joint and ligament, unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.60XD	Sprain of the superior tibiofibular joint and ligament, unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.60XS	Sprain of the superior tibiofibular joint and ligament, unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.61	Sprain of the superior tibiofibular joint and ligament, right knee	Diagnosis	ICD-10-CM
S83.61XA	Sprain of the superior tibiofibular joint and ligament, right knee, initial encounter	Diagnosis	ICD-10-CM
S83.61XD	Sprain of the superior tibiofibular joint and ligament, right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.61XS	Sprain of the superior tibiofibular joint and ligament, right knee, sequela	Diagnosis	ICD-10-CM
S83.62	Sprain of the superior tibiofibular joint and ligament, left knee	Diagnosis	ICD-10-CM
S83.62XA	Sprain of the superior tibiofibular joint and ligament, left knee, initial encounter	Diagnosis	ICD-10-CM
S83.62XD	Sprain of the superior tibiofibular joint and ligament, left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.62XS	Sprain of the superior tibiofibular joint and ligament, left knee, sequela	Diagnosis	ICD-10-CM
S83.8	Sprain of other specified parts of knee	Diagnosis	ICD-10-CM
S83.8X	Sprain of other specified parts of knee	Diagnosis	ICD-10-CM
S83.8X1	Sprain of other specified parts of right knee	Diagnosis	ICD-10-CM
S83.8X1A	Sprain of other specified parts of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.8X1D	Sprain of other specified parts of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.8X1S	Sprain of other specified parts of right knee, sequela	Diagnosis	ICD-10-CM
S83.8X2	Sprain of other specified parts of left knee	Diagnosis	ICD-10-CM
S83.8X2A	Sprain of other specified parts of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.8X2D	Sprain of other specified parts of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.8X2S	Sprain of other specified parts of left knee, sequela	Diagnosis	ICD-10-CM
S83.8X9	Sprain of other specified parts of unspecified knee	Diagnosis	ICD-10-CM
S83.8X9A	Sprain of other specified parts of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.8X9D	Sprain of other specified parts of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.8X9S	Sprain of other specified parts of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.9	Sprain of unspecified site of knee	Diagnosis	ICD-10-CM
S83.90	Sprain of unspecified site of unspecified knee	Diagnosis	ICD-10-CM
S83.90XA	Sprain of unspecified site of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S83.90XD	Sprain of unspecified site of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.90XS	Sprain of unspecified site of unspecified knee, sequela	Diagnosis	ICD-10-CM
S83.91	Sprain of unspecified site of right knee	Diagnosis	ICD-10-CM
S83.91XA	Sprain of unspecified site of right knee, initial encounter	Diagnosis	ICD-10-CM
S83.91XD	Sprain of unspecified site of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.91XS	Sprain of unspecified site of right knee, sequela	Diagnosis	ICD-10-CM
S83.92	Sprain of unspecified site of left knee	Diagnosis	ICD-10-CM
S83.92XA	Sprain of unspecified site of left knee, initial encounter	Diagnosis	ICD-10-CM
S83.92XD	Sprain of unspecified site of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S83.92XS	Sprain of unspecified site of left knee, sequela	Diagnosis	ICD-10-CM
S84	Injury of nerves at lower leg level	Diagnosis	ICD-10-CM
S84.0	Injury of tibial nerve at lower leg level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S84.00	Injury of tibial nerve at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S84.00XA	Injury of tibial nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.00XD	Injury of tibial nerve at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.00XS	Injury of tibial nerve at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S84.01	Injury of tibial nerve at lower leg level, right leg	Diagnosis	ICD-10-CM
S84.01XA	Injury of tibial nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.01XD	Injury of tibial nerve at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.01XS	Injury of tibial nerve at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S84.02	Injury of tibial nerve at lower leg level, left leg	Diagnosis	ICD-10-CM
S84.02XA	Injury of tibial nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.02XD	Injury of tibial nerve at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.02XS	Injury of tibial nerve at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S84.1	Injury of peroneal nerve at lower leg level	Diagnosis	ICD-10-CM
S84.10	Injury of peroneal nerve at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S84.10XA	Injury of peroneal nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.10XD	Injury of peroneal nerve at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.10XS	Injury of peroneal nerve at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S84.11	Injury of peroneal nerve at lower leg level, right leg	Diagnosis	ICD-10-CM
S84.11XA	Injury of peroneal nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.11XD	Injury of peroneal nerve at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.11XS	Injury of peroneal nerve at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S84.12	Injury of peroneal nerve at lower leg level, left leg	Diagnosis	ICD-10-CM
S84.12XA	Injury of peroneal nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.12XD	Injury of peroneal nerve at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.12XS	Injury of peroneal nerve at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S84.2	Injury of cutaneous sensory nerve at lower leg level	Diagnosis	ICD-10-CM
S84.20	Injury of cutaneous sensory nerve at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S84.20XA	Injury of cutaneous sensory nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.20XD	Injury of cutaneous sensory nerve at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.20XS	Injury of cutaneous sensory nerve at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S84.21	Injury of cutaneous sensory nerve at lower leg level, right leg	Diagnosis	ICD-10-CM
S84.21XA	Injury of cutaneous sensory nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.21XD	Injury of cutaneous sensory nerve at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.21XS	Injury of cutaneous sensory nerve at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S84.22	Injury of cutaneous sensory nerve at lower leg level, left leg	Diagnosis	ICD-10-CM
S84.22XA	Injury of cutaneous sensory nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.22XD	Injury of cutaneous sensory nerve at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.22XS	Injury of cutaneous sensory nerve at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S84.8	Injury of other nerves at lower leg level	Diagnosis	ICD-10-CM
S84.80	Injury of other nerves at lower leg level	Diagnosis	ICD-10-CM
S84.801	Injury of other nerves at lower leg level, right leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S84.801A	Injury of other nerves at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.801D	Injury of other nerves at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.801S	Injury of other nerves at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S84.802	Injury of other nerves at lower leg level, left leg	Diagnosis	ICD-10-CM
S84.802A	Injury of other nerves at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.802D	Injury of other nerves at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.802S	Injury of other nerves at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S84.809	Injury of other nerves at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S84.809A	Injury of other nerves at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.809D	Injury of other nerves at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.809S	Injury of other nerves at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S84.9	Injury of unspecified nerve at lower leg level	Diagnosis	ICD-10-CM
S84.90	Injury of unspecified nerve at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S84.90XA	Injury of unspecified nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.90XD	Injury of unspecified nerve at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.90XS	Injury of unspecified nerve at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S84.91	Injury of unspecified nerve at lower leg level, right leg	Diagnosis	ICD-10-CM
S84.91XA	Injury of unspecified nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.91XD	Injury of unspecified nerve at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.91XS	Injury of unspecified nerve at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S84.92	Injury of unspecified nerve at lower leg level, left leg	Diagnosis	ICD-10-CM
S84.92XA	Injury of unspecified nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.92XD	Injury of unspecified nerve at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S84.92XS	Injury of unspecified nerve at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85	Injury of blood vessels at lower leg level	Diagnosis	ICD-10-CM
S85.0	Injury of popliteal artery	Diagnosis	ICD-10-CM
S85.00	Unspecified injury of popliteal artery	Diagnosis	ICD-10-CM
S85.001	Unspecified injury of popliteal artery, right leg	Diagnosis	ICD-10-CM
S85.001A	Unspecified injury of popliteal artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.001D	Unspecified injury of popliteal artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.001S	Unspecified injury of popliteal artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.002	Unspecified injury of popliteal artery, left leg	Diagnosis	ICD-10-CM
S85.002A	Unspecified injury of popliteal artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.002D	Unspecified injury of popliteal artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.002S	Unspecified injury of popliteal artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.009	Unspecified injury of popliteal artery, unspecified leg	Diagnosis	ICD-10-CM
S85.009A	Unspecified injury of popliteal artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.009D	Unspecified injury of popliteal artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.009S	Unspecified injury of popliteal artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.01	Laceration of popliteal artery	Diagnosis	ICD-10-CM
S85.011	Laceration of popliteal artery, right leg	Diagnosis	ICD-10-CM
S85.011A	Laceration of popliteal artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.011D	Laceration of popliteal artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.011S	Laceration of popliteal artery, right leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.012	Laceration of popliteal artery, left leg	Diagnosis	ICD-10-CM
S85.012A	Laceration of popliteal artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.012D	Laceration of popliteal artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.012S	Laceration of popliteal artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.019	Laceration of popliteal artery, unspecified leg	Diagnosis	ICD-10-CM
S85.019A	Laceration of popliteal artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.019D	Laceration of popliteal artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.019S	Laceration of popliteal artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.09	Other specified injury of popliteal artery	Diagnosis	ICD-10-CM
S85.091	Other specified injury of popliteal artery, right leg	Diagnosis	ICD-10-CM
S85.091A	Other specified injury of popliteal artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.091D	Other specified injury of popliteal artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.091S	Other specified injury of popliteal artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.092	Other specified injury of popliteal artery, left leg	Diagnosis	ICD-10-CM
S85.092A	Other specified injury of popliteal artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.092D	Other specified injury of popliteal artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.092S	Other specified injury of popliteal artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.099	Other specified injury of popliteal artery, unspecified leg	Diagnosis	ICD-10-CM
S85.099A	Other specified injury of popliteal artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.099D	Other specified injury of popliteal artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.099S	Other specified injury of popliteal artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.1	Injury of tibial artery	Diagnosis	ICD-10-CM
S85.10	Unspecified injury of unspecified tibial artery	Diagnosis	ICD-10-CM
S85.101	Unspecified injury of unspecified tibial artery, right leg	Diagnosis	ICD-10-CM
S85.101A	Unspecified injury of unspecified tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.101D	Unspecified injury of unspecified tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.101S	Unspecified injury of unspecified tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.102	Unspecified injury of unspecified tibial artery, left leg	Diagnosis	ICD-10-CM
S85.102A	Unspecified injury of unspecified tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.102D	Unspecified injury of unspecified tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.102S	Unspecified injury of unspecified tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.109	Unspecified injury of unspecified tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.109A	Unspecified injury of unspecified tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.109D	Unspecified injury of unspecified tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.109S	Unspecified injury of unspecified tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.11	Laceration of unspecified tibial artery	Diagnosis	ICD-10-CM
S85.111	Laceration of unspecified tibial artery, right leg	Diagnosis	ICD-10-CM
S85.111A	Laceration of unspecified tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.111D	Laceration of unspecified tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.111S	Laceration of unspecified tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.112	Laceration of unspecified tibial artery, left leg	Diagnosis	ICD-10-CM
S85.112A	Laceration of unspecified tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.112D	Laceration of unspecified tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.112S	Laceration of unspecified tibial artery, left leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.119	Laceration of unspecified tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.119A	Laceration of unspecified tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.119D	Laceration of unspecified tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.119S	Laceration of unspecified tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.12	Other specified injury of unspecified tibial artery	Diagnosis	ICD-10-CM
S85.121	Other specified injury of unspecified tibial artery, right leg	Diagnosis	ICD-10-CM
S85.121A	Other specified injury of unspecified tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.121D	Other specified injury of unspecified tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.121S	Other specified injury of unspecified tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.122	Other specified injury of unspecified tibial artery, left leg	Diagnosis	ICD-10-CM
S85.122A	Other specified injury of unspecified tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.122D	Other specified injury of unspecified tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.122S	Other specified injury of unspecified tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.129	Other specified injury of unspecified tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.129A	Other specified injury of unspecified tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.129D	Other specified injury of unspecified tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.129S	Other specified injury of unspecified tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.13	Unspecified injury of anterior tibial artery	Diagnosis	ICD-10-CM
S85.131	Unspecified injury of anterior tibial artery, right leg	Diagnosis	ICD-10-CM
S85.131A	Unspecified injury of anterior tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.131D	Unspecified injury of anterior tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.131S	Unspecified injury of anterior tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.132	Unspecified injury of anterior tibial artery, left leg	Diagnosis	ICD-10-CM
S85.132A	Unspecified injury of anterior tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.132D	Unspecified injury of anterior tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.132S	Unspecified injury of anterior tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.139	Unspecified injury of anterior tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.139A	Unspecified injury of anterior tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.139D	Unspecified injury of anterior tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.139S	Unspecified injury of anterior tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.14	Laceration of anterior tibial artery	Diagnosis	ICD-10-CM
S85.141	Laceration of anterior tibial artery, right leg	Diagnosis	ICD-10-CM
S85.141A	Laceration of anterior tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.141D	Laceration of anterior tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.141S	Laceration of anterior tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.142	Laceration of anterior tibial artery, left leg	Diagnosis	ICD-10-CM
S85.142A	Laceration of anterior tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.142D	Laceration of anterior tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.142S	Laceration of anterior tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.149	Laceration of anterior tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.149A	Laceration of anterior tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.149D	Laceration of anterior tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.149S	Laceration of anterior tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.15	Other specified injury of anterior tibial artery	Diagnosis	ICD-10-CM
S85.151	Other specified injury of anterior tibial artery, right leg	Diagnosis	ICD-10-CM
S85.151A	Other specified injury of anterior tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.151D	Other specified injury of anterior tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.151S	Other specified injury of anterior tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.152	Other specified injury of anterior tibial artery, left leg	Diagnosis	ICD-10-CM
S85.152A	Other specified injury of anterior tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.152D	Other specified injury of anterior tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.152S	Other specified injury of anterior tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.159	Other specified injury of anterior tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.159A	Other specified injury of anterior tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.159D	Other specified injury of anterior tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.159S	Other specified injury of anterior tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.16	Unspecified injury of posterior tibial artery	Diagnosis	ICD-10-CM
S85.161	Unspecified injury of posterior tibial artery, right leg	Diagnosis	ICD-10-CM
S85.161A	Unspecified injury of posterior tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.161D	Unspecified injury of posterior tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.161S	Unspecified injury of posterior tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.162	Unspecified injury of posterior tibial artery, left leg	Diagnosis	ICD-10-CM
S85.162A	Unspecified injury of posterior tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.162D	Unspecified injury of posterior tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.162S	Unspecified injury of posterior tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.169	Unspecified injury of posterior tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.169A	Unspecified injury of posterior tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.169D	Unspecified injury of posterior tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.169S	Unspecified injury of posterior tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.17	Laceration of posterior tibial artery	Diagnosis	ICD-10-CM
S85.171	Laceration of posterior tibial artery, right leg	Diagnosis	ICD-10-CM
S85.171A	Laceration of posterior tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.171D	Laceration of posterior tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.171S	Laceration of posterior tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.172	Laceration of posterior tibial artery, left leg	Diagnosis	ICD-10-CM
S85.172A	Laceration of posterior tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.172D	Laceration of posterior tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.172S	Laceration of posterior tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.179	Laceration of posterior tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.179A	Laceration of posterior tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.179D	Laceration of posterior tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.179S	Laceration of posterior tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.18	Other specified injury of posterior tibial artery	Diagnosis	ICD-10-CM
S85.181	Other specified injury of posterior tibial artery, right leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.181A	Other specified injury of posterior tibial artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.181D	Other specified injury of posterior tibial artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.181S	Other specified injury of posterior tibial artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.182	Other specified injury of posterior tibial artery, left leg	Diagnosis	ICD-10-CM
S85.182A	Other specified injury of posterior tibial artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.182D	Other specified injury of posterior tibial artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.182S	Other specified injury of posterior tibial artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.189	Other specified injury of posterior tibial artery, unspecified leg	Diagnosis	ICD-10-CM
S85.189A	Other specified injury of posterior tibial artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.189D	Other specified injury of posterior tibial artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.189S	Other specified injury of posterior tibial artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.2	Injury of peroneal artery	Diagnosis	ICD-10-CM
S85.20	Unspecified injury of peroneal artery	Diagnosis	ICD-10-CM
S85.201	Unspecified injury of peroneal artery, right leg	Diagnosis	ICD-10-CM
S85.201A	Unspecified injury of peroneal artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.201D	Unspecified injury of peroneal artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.201S	Unspecified injury of peroneal artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.202	Unspecified injury of peroneal artery, left leg	Diagnosis	ICD-10-CM
S85.202A	Unspecified injury of peroneal artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.202D	Unspecified injury of peroneal artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.202S	Unspecified injury of peroneal artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.209	Unspecified injury of peroneal artery, unspecified leg	Diagnosis	ICD-10-CM
S85.209A	Unspecified injury of peroneal artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.209D	Unspecified injury of peroneal artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.209S	Unspecified injury of peroneal artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.21	Laceration of peroneal artery	Diagnosis	ICD-10-CM
S85.211	Laceration of peroneal artery, right leg	Diagnosis	ICD-10-CM
S85.211A	Laceration of peroneal artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.211D	Laceration of peroneal artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.211S	Laceration of peroneal artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.212	Laceration of peroneal artery, left leg	Diagnosis	ICD-10-CM
S85.212A	Laceration of peroneal artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.212D	Laceration of peroneal artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.212S	Laceration of peroneal artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.219	Laceration of peroneal artery, unspecified leg	Diagnosis	ICD-10-CM
S85.219A	Laceration of peroneal artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.219D	Laceration of peroneal artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.219S	Laceration of peroneal artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.29	Other specified injury of peroneal artery	Diagnosis	ICD-10-CM
S85.291	Other specified injury of peroneal artery, right leg	Diagnosis	ICD-10-CM
S85.291A	Other specified injury of peroneal artery, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.291D	Other specified injury of peroneal artery, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.291S	Other specified injury of peroneal artery, right leg, sequela	Diagnosis	ICD-10-CM
S85.292	Other specified injury of peroneal artery, left leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.292A	Other specified injury of peroneal artery, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.292D	Other specified injury of peroneal artery, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.292S	Other specified injury of peroneal artery, left leg, sequela	Diagnosis	ICD-10-CM
S85.299	Other specified injury of peroneal artery, unspecified leg	Diagnosis	ICD-10-CM
S85.299A	Other specified injury of peroneal artery, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.299D	Other specified injury of peroneal artery, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.299S	Other specified injury of peroneal artery, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.3	Injury of greater saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.30	Unspecified injury of greater saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.301	Unspecified injury of greater saphenous vein at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.301A	Unspecified injury of greater saphenous vein at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.301D	Unspecified injury of greater saphenous vein at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.301S	Unspecified injury of greater saphenous vein at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.302	Unspecified injury of greater saphenous vein at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.302A	Unspecified injury of greater saphenous vein at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.302D	Unspecified injury of greater saphenous vein at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.302S	Unspecified injury of greater saphenous vein at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.309	Unspecified injury of greater saphenous vein at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.309A	Unspecified injury of greater saphenous vein at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.309D	Unspecified injury of greater saphenous vein at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.309S	Unspecified injury of greater saphenous vein at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.31	Laceration of greater saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.311	Laceration of greater saphenous vein at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.311A	Laceration of greater saphenous vein at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.311D	Laceration of greater saphenous vein at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.311S	Laceration of greater saphenous vein at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.312	Laceration of greater saphenous vein at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.312A	Laceration of greater saphenous vein at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.312D	Laceration of greater saphenous vein at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.312S	Laceration of greater saphenous vein at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.319	Laceration of greater saphenous vein at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.319A	Laceration of greater saphenous vein at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.319D	Laceration of greater saphenous vein at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.319S	Laceration of greater saphenous vein at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.39	Other specified injury of greater saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.391	Other specified injury of greater saphenous vein at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.391A	Other specified injury of greater saphenous vein at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.391D	Other specified injury of greater saphenous vein at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.391S	Other specified injury of greater saphenous vein at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.392	Other specified injury of greater saphenous vein at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.392A	Other specified injury of greater saphenous vein at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.392D	Other specified injury of greater saphenous vein at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.392S	Other specified injury of greater saphenous vein at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.399	Other specified injury of greater saphenous vein at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.399A	Other specified injury of greater saphenous vein at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.399D	Other specified injury of greater saphenous vein at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.399S	Other specified injury of greater saphenous vein at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.4	Injury of lesser saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.40	Unspecified injury of lesser saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.401	Unspecified injury of lesser saphenous vein at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.401A	Unspecified injury of lesser saphenous vein at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.401D	Unspecified injury of lesser saphenous vein at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.401S	Unspecified injury of lesser saphenous vein at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.402	Unspecified injury of lesser saphenous vein at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.402A	Unspecified injury of lesser saphenous vein at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.402D	Unspecified injury of lesser saphenous vein at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.402S	Unspecified injury of lesser saphenous vein at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.409	Unspecified injury of lesser saphenous vein at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.409A	Unspecified injury of lesser saphenous vein at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.409D	Unspecified injury of lesser saphenous vein at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.409S	Unspecified injury of lesser saphenous vein at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.41	Laceration of lesser saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.411	Laceration of lesser saphenous vein at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.411A	Laceration of lesser saphenous vein at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.411D	Laceration of lesser saphenous vein at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.411S	Laceration of lesser saphenous vein at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.412	Laceration of lesser saphenous vein at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.412A	Laceration of lesser saphenous vein at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.412D	Laceration of lesser saphenous vein at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.412S	Laceration of lesser saphenous vein at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.419	Laceration of lesser saphenous vein at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.419A	Laceration of lesser saphenous vein at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.419D	Laceration of lesser saphenous vein at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.419S	Laceration of lesser saphenous vein at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.49	Other specified injury of lesser saphenous vein at lower leg level	Diagnosis	ICD-10-CM
S85.491	Other specified injury of lesser saphenous vein at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.491A	Other specified injury of lesser saphenous vein at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.491D	Other specified injury of lesser saphenous vein at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.491S	Other specified injury of lesser saphenous vein at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.492	Other specified injury of lesser saphenous vein at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.492A	Other specified injury of lesser saphenous vein at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.492D	Other specified injury of lesser saphenous vein at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.492S	Other specified injury of lesser saphenous vein at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.499	Other specified injury of lesser saphenous vein at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.499A	Other specified injury of lesser saphenous vein at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.499D	Other specified injury of lesser saphenous vein at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.499S	Other specified injury of lesser saphenous vein at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.5	Injury of popliteal vein	Diagnosis	ICD-10-CM
S85.50	Unspecified injury of popliteal vein	Diagnosis	ICD-10-CM
S85.501	Unspecified injury of popliteal vein, right leg	Diagnosis	ICD-10-CM
S85.501A	Unspecified injury of popliteal vein, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.501D	Unspecified injury of popliteal vein, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.501S	Unspecified injury of popliteal vein, right leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.502	Unspecified injury of popliteal vein, left leg	Diagnosis	ICD-10-CM
S85.502A	Unspecified injury of popliteal vein, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.502D	Unspecified injury of popliteal vein, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.502S	Unspecified injury of popliteal vein, left leg, sequela	Diagnosis	ICD-10-CM
S85.509	Unspecified injury of popliteal vein, unspecified leg	Diagnosis	ICD-10-CM
S85.509A	Unspecified injury of popliteal vein, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.509D	Unspecified injury of popliteal vein, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.509S	Unspecified injury of popliteal vein, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.51	Laceration of popliteal vein	Diagnosis	ICD-10-CM
S85.511	Laceration of popliteal vein, right leg	Diagnosis	ICD-10-CM
S85.511A	Laceration of popliteal vein, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.511D	Laceration of popliteal vein, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.511S	Laceration of popliteal vein, right leg, sequela	Diagnosis	ICD-10-CM
S85.512	Laceration of popliteal vein, left leg	Diagnosis	ICD-10-CM
S85.512A	Laceration of popliteal vein, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.512D	Laceration of popliteal vein, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.512S	Laceration of popliteal vein, left leg, sequela	Diagnosis	ICD-10-CM
S85.519	Laceration of popliteal vein, unspecified leg	Diagnosis	ICD-10-CM
S85.519A	Laceration of popliteal vein, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.519D	Laceration of popliteal vein, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.519S	Laceration of popliteal vein, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.59	Other specified injury of popliteal vein	Diagnosis	ICD-10-CM
S85.591	Other specified injury of popliteal vein, right leg	Diagnosis	ICD-10-CM
S85.591A	Other specified injury of popliteal vein, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.591D	Other specified injury of popliteal vein, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.591S	Other specified injury of popliteal vein, right leg, sequela	Diagnosis	ICD-10-CM
S85.592	Other specified injury of popliteal vein, left leg	Diagnosis	ICD-10-CM
S85.592A	Other specified injury of popliteal vein, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.592D	Other specified injury of popliteal vein, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.592S	Other specified injury of popliteal vein, left leg, sequela	Diagnosis	ICD-10-CM
S85.599	Other specified injury of popliteal vein, unspecified leg	Diagnosis	ICD-10-CM
S85.599A	Other specified injury of popliteal vein, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.599D	Other specified injury of popliteal vein, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.599S	Other specified injury of popliteal vein, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.8	Injury of other blood vessels at lower leg level	Diagnosis	ICD-10-CM
S85.80	Unspecified injury of other blood vessels at lower leg level	Diagnosis	ICD-10-CM
S85.801	Unspecified injury of other blood vessels at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.801A	Unspecified injury of other blood vessels at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.801D	Unspecified injury of other blood vessels at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.801S	Unspecified injury of other blood vessels at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.802	Unspecified injury of other blood vessels at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.802A	Unspecified injury of other blood vessels at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.802D	Unspecified injury of other blood vessels at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.802S	Unspecified injury of other blood vessels at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.809	Unspecified injury of other blood vessels at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.809A	Unspecified injury of other blood vessels at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.809D	Unspecified injury of other blood vessels at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.809S	Unspecified injury of other blood vessels at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.81	Laceration of other blood vessels at lower leg level	Diagnosis	ICD-10-CM
S85.811	Laceration of other blood vessels at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.811A	Laceration of other blood vessels at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.811D	Laceration of other blood vessels at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.811S	Laceration of other blood vessels at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.812	Laceration of other blood vessels at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.812A	Laceration of other blood vessels at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.812D	Laceration of other blood vessels at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.812S	Laceration of other blood vessels at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.819	Laceration of other blood vessels at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.819A	Laceration of other blood vessels at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.819D	Laceration of other blood vessels at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.819S	Laceration of other blood vessels at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.89	Other specified injury of other blood vessels at lower leg level	Diagnosis	ICD-10-CM
S85.891	Other specified injury of other blood vessels at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.891A	Other specified injury of other blood vessels at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.891D	Other specified injury of other blood vessels at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.891S	Other specified injury of other blood vessels at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.892	Other specified injury of other blood vessels at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.892A	Other specified injury of other blood vessels at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.892D	Other specified injury of other blood vessels at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.892S	Other specified injury of other blood vessels at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.899	Other specified injury of other blood vessels at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.899A	Other specified injury of other blood vessels at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.899D	Other specified injury of other blood vessels at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.899S	Other specified injury of other blood vessels at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.9	Injury of unspecified blood vessel at lower leg level	Diagnosis	ICD-10-CM
S85.90	Unspecified injury of unspecified blood vessel at lower leg level	Diagnosis	ICD-10-CM
S85.901	Unspecified injury of unspecified blood vessel at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.901A	Unspecified injury of unspecified blood vessel at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.901D	Unspecified injury of unspecified blood vessel at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.901S	Unspecified injury of unspecified blood vessel at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.902	Unspecified injury of unspecified blood vessel at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.902A	Unspecified injury of unspecified blood vessel at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.902D	Unspecified injury of unspecified blood vessel at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.902S	Unspecified injury of unspecified blood vessel at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.909	Unspecified injury of unspecified blood vessel at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.909A	Unspecified injury of unspecified blood vessel at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.909D	Unspecified injury of unspecified blood vessel at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.909S	Unspecified injury of unspecified blood vessel at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.91	Laceration of unspecified blood vessel at lower leg level	Diagnosis	ICD-10-CM
S85.911	Laceration of unspecified blood vessel at lower leg level, right leg	Diagnosis	ICD-10-CM
S85.911A	Laceration of unspecified blood vessel at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.911D	Laceration of unspecified blood vessel at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.911S	Laceration of unspecified blood vessel at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.912	Laceration of unspecified blood vessel at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.912A	Laceration of unspecified blood vessel at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.912D	Laceration of unspecified blood vessel at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.912S	Laceration of unspecified blood vessel at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.919	Laceration of unspecified blood vessel at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.919A	Laceration of unspecified blood vessel at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.919D	Laceration of unspecified blood vessel at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.919S	Laceration of unspecified blood vessel at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S85.99	Other specified injury of unspecified blood vessel at lower leg level	Diagnosis	ICD-10-CM
S85.991	Other specified injury of unspecified blood vessel at lower leg level, right leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S85.991A	Other specified injury of unspecified blood vessel at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S85.991D	Other specified injury of unspecified blood vessel at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.991S	Other specified injury of unspecified blood vessel at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S85.992	Other specified injury of unspecified blood vessel at lower leg level, left leg	Diagnosis	ICD-10-CM
S85.992A	Other specified injury of unspecified blood vessel at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S85.992D	Other specified injury of unspecified blood vessel at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.992S	Other specified injury of unspecified blood vessel at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S85.999	Other specified injury of unspecified blood vessel at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S85.999A	Other specified injury of unspecified blood vessel at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S85.999D	Other specified injury of unspecified blood vessel at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S85.999S	Other specified injury of unspecified blood vessel at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86	Injury of muscle, fascia and tendon at lower leg level	Diagnosis	ICD-10-CM
S86.0	Injury of Achilles tendon	Diagnosis	ICD-10-CM
S86.00	Unspecified injury of Achilles tendon	Diagnosis	ICD-10-CM
S86.001	Unspecified injury of right Achilles tendon	Diagnosis	ICD-10-CM
S86.001A	Unspecified injury of right Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.001D	Unspecified injury of right Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.001S	Unspecified injury of right Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.002	Unspecified injury of left Achilles tendon	Diagnosis	ICD-10-CM
S86.002A	Unspecified injury of left Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.002D	Unspecified injury of left Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.002S	Unspecified injury of left Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.009	Unspecified injury of unspecified Achilles tendon	Diagnosis	ICD-10-CM
S86.009A	Unspecified injury of unspecified Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.009D	Unspecified injury of unspecified Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.009S	Unspecified injury of unspecified Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.01	Strain of Achilles tendon	Diagnosis	ICD-10-CM
S86.011	Strain of right Achilles tendon	Diagnosis	ICD-10-CM
S86.011A	Strain of right Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.011D	Strain of right Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.011S	Strain of right Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.012	Strain of left Achilles tendon	Diagnosis	ICD-10-CM
S86.012A	Strain of left Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.012D	Strain of left Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.012S	Strain of left Achilles tendon, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.019	Strain of unspecified Achilles tendon	Diagnosis	ICD-10-CM
S86.019A	Strain of unspecified Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.019D	Strain of unspecified Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.019S	Strain of unspecified Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.02	Laceration of Achilles tendon	Diagnosis	ICD-10-CM
S86.021	Laceration of right Achilles tendon	Diagnosis	ICD-10-CM
S86.021A	Laceration of right Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.021D	Laceration of right Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.021S	Laceration of right Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.022	Laceration of left Achilles tendon	Diagnosis	ICD-10-CM
S86.022A	Laceration of left Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.022D	Laceration of left Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.022S	Laceration of left Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.029	Laceration of unspecified Achilles tendon	Diagnosis	ICD-10-CM
S86.029A	Laceration of unspecified Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.029D	Laceration of unspecified Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.029S	Laceration of unspecified Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.09	Other specified injury of Achilles tendon	Diagnosis	ICD-10-CM
S86.091	Other specified injury of right Achilles tendon	Diagnosis	ICD-10-CM
S86.091A	Other specified injury of right Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.091D	Other specified injury of right Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.091S	Other specified injury of right Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.092	Other specified injury of left Achilles tendon	Diagnosis	ICD-10-CM
S86.092A	Other specified injury of left Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.092D	Other specified injury of left Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.092S	Other specified injury of left Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.099	Other specified injury of unspecified Achilles tendon	Diagnosis	ICD-10-CM
S86.099A	Other specified injury of unspecified Achilles tendon, initial encounter	Diagnosis	ICD-10-CM
S86.099D	Other specified injury of unspecified Achilles tendon, subsequent encounter	Diagnosis	ICD-10-CM
S86.099S	Other specified injury of unspecified Achilles tendon, sequela	Diagnosis	ICD-10-CM
S86.1	Injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.10	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.101	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.101A	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.101D	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.101S	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.102	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.102A	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.102D	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.102S	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.109	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.109A	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.109D	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.109S	Unspecified injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.11	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.111	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.111A	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.111D	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.111S	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.112	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.112A	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.112D	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.112S	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.119	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.119A	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.119D	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.119S	Strain of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.12	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.121	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.121A	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.121D	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.121S	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.122	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.122A	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.122D	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.122S	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.129	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.129A	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.129D	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.129S	Laceration of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.19	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.191	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.191A	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.191D	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.191S	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.192	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.192A	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.192D	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.192S	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.199	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.199A	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.199D	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.199S	Other injury of other muscle(s) and tendon(s) of posterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.2	Injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.20	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.201	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.201A	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.201D	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.201S	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.202	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.202A	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.202D	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.202S	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.209	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.209A	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.209D	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.209S	Unspecified injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.21	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.211	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.211A	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.211D	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.211S	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.212	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.212A	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.212D	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.212S	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.219	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.219A	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.219D	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.219S	Strain of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.22	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.221	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.221A	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.221D	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.221S	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.222	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.222A	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.222D	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.222S	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.229	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.229A	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.229D	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.229S	Laceration of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.29	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.291	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.291A	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.291D	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.291S	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.292	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.292A	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.292D	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.292S	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.299	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.299A	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.299D	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.299S	Other injury of muscle(s) and tendon(s) of anterior muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.3	Injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.30	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.301	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.301A	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.301D	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.301S	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.302	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.302A	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.302D	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.302S	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.309	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.309A	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.309D	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.309S	Unspecified injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.31	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.311	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.311A	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.311D	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.311S	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.312	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.312A	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.312D	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.312S	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.319	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.319A	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.319D	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.319S	Strain of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.32	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.321	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.321A	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.321D	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.321S	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.322	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.322A	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.322D	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.322S	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.329	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.329A	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.329D	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.329S	Laceration of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.39	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level	Diagnosis	ICD-10-CM
S86.391	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.391A	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.391D	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.391S	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.392	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.392A	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.392D	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.392S	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.399	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.399A	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.399D	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.399S	Other injury of muscle(s) and tendon(s) of peroneal muscle group at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.8	Injury of other muscles and tendons at lower leg level	Diagnosis	ICD-10-CM
S86.80	Unspecified injury of other muscles and tendons at lower leg level	Diagnosis	ICD-10-CM
S86.801	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.801A	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.801D	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.801S	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.802	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.802A	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.802D	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.802S	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.809	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.809A	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.809D	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.809S	Unspecified injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.81	Strain of other muscles and tendons at lower leg level	Diagnosis	ICD-10-CM
S86.811	Strain of other muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.811A	Strain of other muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.811D	Strain of other muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.811S	Strain of other muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.812	Strain of other muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.812A	Strain of other muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.812D	Strain of other muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.812S	Strain of other muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.819	Strain of other muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.819A	Strain of other muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.819D	Strain of other muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.819S	Strain of other muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.82	Laceration of other muscles and tendons at lower leg level	Diagnosis	ICD-10-CM
S86.821	Laceration of other muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.821A	Laceration of other muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.821D	Laceration of other muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.821S	Laceration of other muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.822	Laceration of other muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.822A	Laceration of other muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.822D	Laceration of other muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.822S	Laceration of other muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.829	Laceration of other muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.829A	Laceration of other muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.829D	Laceration of other muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.829S	Laceration of other muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.89	Other injury of other muscles and tendons at lower leg level	Diagnosis	ICD-10-CM
S86.891	Other injury of other muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.891A	Other injury of other muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.891D	Other injury of other muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.891S	Other injury of other muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.892	Other injury of other muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.892A	Other injury of other muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.892D	Other injury of other muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.892S	Other injury of other muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.899	Other injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.899A	Other injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.899D	Other injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.899S	Other injury of other muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.9	Injury of unspecified muscle and tendon at lower leg level	Diagnosis	ICD-10-CM
S86.90	Unspecified injury of unspecified muscle and tendon at lower leg level	Diagnosis	ICD-10-CM
S86.901	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.901A	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.901D	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.901S	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.902	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.902A	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.902D	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.902S	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.909	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.909A	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.909D	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.909S	Unspecified injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.91	Strain of unspecified muscle and tendon at lower leg level	Diagnosis	ICD-10-CM
S86.911	Strain of unspecified muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.911A	Strain of unspecified muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.911D	Strain of unspecified muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.911S	Strain of unspecified muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.912	Strain of unspecified muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.912A	Strain of unspecified muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.912D	Strain of unspecified muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.912S	Strain of unspecified muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.919	Strain of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.919A	Strain of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.919D	Strain of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.919S	Strain of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.92	Laceration of unspecified muscle and tendon at lower leg level	Diagnosis	ICD-10-CM
S86.921	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.921A	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.921D	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.921S	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.922	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.922A	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.922D	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.922S	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.929	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S86.929A	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.929D	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.929S	Laceration of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S86.99	Other injury of unspecified muscle and tendon at lower leg level	Diagnosis	ICD-10-CM
S86.991	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg	Diagnosis	ICD-10-CM
S86.991A	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S86.991D	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.991S	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, right leg, sequela	Diagnosis	ICD-10-CM
S86.992	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg	Diagnosis	ICD-10-CM
S86.992A	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S86.992D	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.992S	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, left leg, sequela	Diagnosis	ICD-10-CM
S86.999	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg	Diagnosis	ICD-10-CM
S86.999A	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S86.999D	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S86.999S	Other injury of unspecified muscle(s) and tendon(s) at lower leg level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S87	Crushing injury of lower leg	Diagnosis	ICD-10-CM
S87.0	Crushing injury of knee	Diagnosis	ICD-10-CM
S87.00	Crushing injury of unspecified knee	Diagnosis	ICD-10-CM
S87.00XA	Crushing injury of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S87.00XD	Crushing injury of unspecified knee, subsequent encounter	Diagnosis	ICD-10-CM
S87.00XS	Crushing injury of unspecified knee, sequela	Diagnosis	ICD-10-CM
S87.01	Crushing injury of right knee	Diagnosis	ICD-10-CM
S87.01XA	Crushing injury of right knee, initial encounter	Diagnosis	ICD-10-CM
S87.01XD	Crushing injury of right knee, subsequent encounter	Diagnosis	ICD-10-CM
S87.01XS	Crushing injury of right knee, sequela	Diagnosis	ICD-10-CM
S87.02	Crushing injury of left knee	Diagnosis	ICD-10-CM
S87.02XA	Crushing injury of left knee, initial encounter	Diagnosis	ICD-10-CM
S87.02XD	Crushing injury of left knee, subsequent encounter	Diagnosis	ICD-10-CM
S87.02XS	Crushing injury of left knee, sequela	Diagnosis	ICD-10-CM
S87.8	Crushing injury of lower leg	Diagnosis	ICD-10-CM
S87.80	Crushing injury of unspecified lower leg	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S87.80XA	Crushing injury of unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S87.80XD	Crushing injury of unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S87.80XS	Crushing injury of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S87.81	Crushing injury of right lower leg	Diagnosis	ICD-10-CM
S87.81XA	Crushing injury of right lower leg, initial encounter	Diagnosis	ICD-10-CM
S87.81XD	Crushing injury of right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S87.81XS	Crushing injury of right lower leg, sequela	Diagnosis	ICD-10-CM
S87.82	Crushing injury of left lower leg	Diagnosis	ICD-10-CM
S87.82XA	Crushing injury of left lower leg, initial encounter	Diagnosis	ICD-10-CM
S87.82XD	Crushing injury of left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S87.82XS	Crushing injury of left lower leg, sequela	Diagnosis	ICD-10-CM
S88	Traumatic amputation of lower leg	Diagnosis	ICD-10-CM
S88.0	Traumatic amputation at knee level	Diagnosis	ICD-10-CM
S88.01	Complete traumatic amputation at knee level	Diagnosis	ICD-10-CM
S88.011	Complete traumatic amputation at knee level, right lower leg	Diagnosis	ICD-10-CM
S88.011A	Complete traumatic amputation at knee level, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.011D	Complete traumatic amputation at knee level, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.011S	Complete traumatic amputation at knee level, right lower leg, sequela	Diagnosis	ICD-10-CM
S88.012	Complete traumatic amputation at knee level, left lower leg	Diagnosis	ICD-10-CM
S88.012A	Complete traumatic amputation at knee level, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.012D	Complete traumatic amputation at knee level, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.012S	Complete traumatic amputation at knee level, left lower leg, sequela	Diagnosis	ICD-10-CM
S88.019	Complete traumatic amputation at knee level, unspecified lower leg	Diagnosis	ICD-10-CM
S88.019A	Complete traumatic amputation at knee level, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.019D	Complete traumatic amputation at knee level, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.019S	Complete traumatic amputation at knee level, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S88.02	Partial traumatic amputation at knee level	Diagnosis	ICD-10-CM
S88.021	Partial traumatic amputation at knee level, right lower leg	Diagnosis	ICD-10-CM
S88.021A	Partial traumatic amputation at knee level, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.021D	Partial traumatic amputation at knee level, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.021S	Partial traumatic amputation at knee level, right lower leg, sequela	Diagnosis	ICD-10-CM
S88.022	Partial traumatic amputation at knee level, left lower leg	Diagnosis	ICD-10-CM
S88.022A	Partial traumatic amputation at knee level, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.022D	Partial traumatic amputation at knee level, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.022S	Partial traumatic amputation at knee level, left lower leg, sequela	Diagnosis	ICD-10-CM
S88.029	Partial traumatic amputation at knee level, unspecified lower leg	Diagnosis	ICD-10-CM
S88.029A	Partial traumatic amputation at knee level, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.029D	Partial traumatic amputation at knee level, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.029S	Partial traumatic amputation at knee level, unspecified lower leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S88.1	Traumatic amputation at level between knee and ankle	Diagnosis	ICD-10-CM
S88.11	Complete traumatic amputation at level between knee and ankle	Diagnosis	ICD-10-CM
S88.111	Complete traumatic amputation at level between knee and ankle, right lower leg	Diagnosis	ICD-10-CM
S88.111A	Complete traumatic amputation at level between knee and ankle, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.111D	Complete traumatic amputation at level between knee and ankle, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.111S	Complete traumatic amputation at level between knee and ankle, right lower leg, sequela	Diagnosis	ICD-10-CM
S88.112	Complete traumatic amputation at level between knee and ankle, left lower leg	Diagnosis	ICD-10-CM
S88.112A	Complete traumatic amputation at level between knee and ankle, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.112D	Complete traumatic amputation at level between knee and ankle, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.112S	Complete traumatic amputation at level between knee and ankle, left lower leg, sequela	Diagnosis	ICD-10-CM
S88.119	Complete traumatic amputation at level between knee and ankle, unspecified lower leg	Diagnosis	ICD-10-CM
S88.119A	Complete traumatic amputation at level between knee and ankle, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.119D	Complete traumatic amputation at level between knee and ankle, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.119S	Complete traumatic amputation at level between knee and ankle, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S88.12	Partial traumatic amputation at level between knee and ankle	Diagnosis	ICD-10-CM
S88.121	Partial traumatic amputation at level between knee and ankle, right lower leg	Diagnosis	ICD-10-CM
S88.121A	Partial traumatic amputation at level between knee and ankle, right lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.121D	Partial traumatic amputation at level between knee and ankle, right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.121S	Partial traumatic amputation at level between knee and ankle, right lower leg, sequela	Diagnosis	ICD-10-CM
S88.122	Partial traumatic amputation at level between knee and ankle, left lower leg	Diagnosis	ICD-10-CM
S88.122A	Partial traumatic amputation at level between knee and ankle, left lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.122D	Partial traumatic amputation at level between knee and ankle, left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S88.122S	Partial traumatic amputation at level between knee and ankle, left lower leg, sequela	Diagnosis	ICD-10-CM
S88.129	Partial traumatic amputation at level between knee and ankle, unspecified lower leg	Diagnosis	ICD-10-CM
S88.129A	Partial traumatic amputation at level between knee and ankle, unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S88.129D	Partial traumatic amputation at level between knee and ankle, unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S88.129S	Partial traumatic amputation at level between knee and ankle, unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S88.9	Traumatic amputation of lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.91	Complete traumatic amputation of lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.911	Complete traumatic amputation of right lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.911A	Complete traumatic amputation of right lower leg, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S88.911D	Complete traumatic amputation of right lower leg, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S88.911S	Complete traumatic amputation of right lower leg, level unspecified, sequela	Diagnosis	ICD-10-CM
S88.912	Complete traumatic amputation of left lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.912A	Complete traumatic amputation of left lower leg, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S88.912D	Complete traumatic amputation of left lower leg, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S88.912S	Complete traumatic amputation of left lower leg, level unspecified, sequela	Diagnosis	ICD-10-CM
S88.919	Complete traumatic amputation of unspecified lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.919A	Complete traumatic amputation of unspecified lower leg, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S88.919D	Complete traumatic amputation of unspecified lower leg, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S88.919S	Complete traumatic amputation of unspecified lower leg, level unspecified, sequela	Diagnosis	ICD-10-CM
S88.92	Partial traumatic amputation of lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.921	Partial traumatic amputation of right lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.921A	Partial traumatic amputation of right lower leg, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S88.921D	Partial traumatic amputation of right lower leg, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S88.921S	Partial traumatic amputation of right lower leg, level unspecified, sequela	Diagnosis	ICD-10-CM
S88.922	Partial traumatic amputation of left lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.922A	Partial traumatic amputation of left lower leg, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S88.922D	Partial traumatic amputation of left lower leg, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S88.922S	Partial traumatic amputation of left lower leg, level unspecified, sequela	Diagnosis	ICD-10-CM
S88.929	Partial traumatic amputation of unspecified lower leg, level unspecified	Diagnosis	ICD-10-CM
S88.929A	Partial traumatic amputation of unspecified lower leg, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S88.929D	Partial traumatic amputation of unspecified lower leg, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S88.929S	Partial traumatic amputation of unspecified lower leg, level unspecified, sequela	Diagnosis	ICD-10-CM
S89	Other and unspecified injuries of lower leg	Diagnosis	ICD-10-CM
S89.0	Physal fracture of upper end of tibia	Diagnosis	ICD-10-CM
S89.00	Unspecified physal fracture of upper end of tibia	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.001	Unspecified physeal fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S89.001A	Unspecified physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.001D	Unspecified physeal fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.001G	Unspecified physeal fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.001K	Unspecified physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.001P	Unspecified physeal fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.001S	Unspecified physeal fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.002	Unspecified physeal fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S89.002A	Unspecified physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.002D	Unspecified physeal fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.002G	Unspecified physeal fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.002K	Unspecified physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.002P	Unspecified physeal fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.002S	Unspecified physeal fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.009	Unspecified physeal fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S89.009A	Unspecified physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.009D	Unspecified physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.009G	Unspecified physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.009K	Unspecified physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.009P	Unspecified physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.009S	Unspecified physeal fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.01	Salter-Harris Type I physeal fracture of upper end of tibia	Diagnosis	ICD-10-CM
S89.011	Salter-Harris Type I physeal fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S89.011A	Salter-Harris Type I physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.011D	Salter-Harris Type I physeal fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.011G	Salter-Harris Type I physeal fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.011K	Salter-Harris Type I physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.011P	Salter-Harris Type I physeal fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.011S	Salter-Harris Type I physeal fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.012	Salter-Harris Type I physeal fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S89.012A	Salter-Harris Type I physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.012D	Salter-Harris Type I physeal fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.012G	Salter-Harris Type I physeal fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.012K	Salter-Harris Type I physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.012P	Salter-Harris Type I physeal fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.012S	Salter-Harris Type I physeal fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.019	Salter-Harris Type I physeal fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S89.019A	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.019D	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.019G	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.019K	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.019P	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.019S	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.02	Salter-Harris Type II physeal fracture of upper end of tibia	Diagnosis	ICD-10-CM
S89.021	Salter-Harris Type II physeal fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S89.021A	Salter-Harris Type II physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.021D	Salter-Harris Type II physeal fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.021G	Salter-Harris Type II physeal fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.021K	Salter-Harris Type II physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.021P	Salter-Harris Type II physeal fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.021S	Salter-Harris Type II physeal fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.022	Salter-Harris Type II physeal fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S89.022A	Salter-Harris Type II physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.022D	Salter-Harris Type II physeal fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.022G	Salter-Harris Type II physeal fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.022K	Salter-Harris Type II physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.022P	Salter-Harris Type II physeal fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.022S	Salter-Harris Type II physeal fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.029	Salter-Harris Type II physeal fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S89.029A	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.029D	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.029G	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.029K	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.029P	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.029S	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.03	Salter-Harris Type III physeal fracture of upper end of tibia	Diagnosis	ICD-10-CM
S89.031	Salter-Harris Type III physeal fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S89.031A	Salter-Harris Type III physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.031D	Salter-Harris Type III physeal fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.031G	Salter-Harris Type III physeal fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.031K	Salter-Harris Type III physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.031P	Salter-Harris Type III physeal fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.031S	Salter-Harris Type III physeal fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.032	Salter-Harris Type III physeal fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S89.032A	Salter-Harris Type III physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.032D	Salter-Harris Type III physeal fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.032G	Salter-Harris Type III physeal fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.032K	Salter-Harris Type III physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.032P	Salter-Harris Type III physeal fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.032S	Salter-Harris Type III physeal fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.039	Salter-Harris Type III physeal fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S89.039A	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.039D	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.039G	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.039K	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.039P	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.039S	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.04	Salter-Harris Type IV physeal fracture of upper end of tibia	Diagnosis	ICD-10-CM
S89.041	Salter-Harris Type IV physeal fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S89.041A	Salter-Harris Type IV physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.041D	Salter-Harris Type IV physeal fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.041G	Salter-Harris Type IV physeal fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.041K	Salter-Harris Type IV physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.041P	Salter-Harris Type IV physeal fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.041S	Salter-Harris Type IV physeal fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.042	Salter-Harris Type IV physeal fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S89.042A	Salter-Harris Type IV physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.042D	Salter-Harris Type IV physeal fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.042G	Salter-Harris Type IV physeal fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.042K	Salter-Harris Type IV physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.042P	Salter-Harris Type IV physeal fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.042S	Salter-Harris Type IV physeal fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.049	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S89.049A	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.049D	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.049G	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.049K	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.049P	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.049S	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.09	Other physeal fracture of upper end of tibia	Diagnosis	ICD-10-CM
S89.091	Other physeal fracture of upper end of right tibia	Diagnosis	ICD-10-CM
S89.091A	Other physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.091D	Other physeal fracture of upper end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.091G	Other physeal fracture of upper end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.091K	Other physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.091P	Other physeal fracture of upper end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.091S	Other physeal fracture of upper end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.092	Other physeal fracture of upper end of left tibia	Diagnosis	ICD-10-CM
S89.092A	Other physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.092D	Other physeal fracture of upper end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.092G	Other physeal fracture of upper end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.092K	Other physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.092P	Other physeal fracture of upper end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.092S	Other physeal fracture of upper end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.099	Other physeal fracture of upper end of unspecified tibia	Diagnosis	ICD-10-CM
S89.099A	Other physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.099D	Other physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.099G	Other physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.099K	Other physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.099P	Other physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.099S	Other physeal fracture of upper end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.1	Physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.10	Unspecified physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.101	Unspecified physeal fracture of lower end of right tibia	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.101A	Unspecified physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.101D	Unspecified physeal fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.101G	Unspecified physeal fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.101K	Unspecified physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.101P	Unspecified physeal fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.101S	Unspecified physeal fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.102	Unspecified physeal fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S89.102A	Unspecified physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.102D	Unspecified physeal fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.102G	Unspecified physeal fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.102K	Unspecified physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.102P	Unspecified physeal fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.102S	Unspecified physeal fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.109	Unspecified physeal fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S89.109A	Unspecified physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.109D	Unspecified physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.109G	Unspecified physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.109K	Unspecified physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.109P	Unspecified physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.109S	Unspecified physeal fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.11	Salter-Harris Type I physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.111	Salter-Harris Type I physeal fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S89.111A	Salter-Harris Type I physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.111D	Salter-Harris Type I physeal fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.111G	Salter-Harris Type I physeal fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.111K	Salter-Harris Type I physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.111P	Salter-Harris Type I physeal fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.111S	Salter-Harris Type I physeal fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.112	Salter-Harris Type I physeal fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S89.112A	Salter-Harris Type I physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.112D	Salter-Harris Type I physeal fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.112G	Salter-Harris Type I physeal fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.112K	Salter-Harris Type I physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.112P	Salter-Harris Type I physeal fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.112S	Salter-Harris Type I physeal fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.119	Salter-Harris Type I physeal fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S89.119A	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.119D	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.119G	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.119K	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.119P	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.119S	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.12	Salter-Harris Type II physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.121	Salter-Harris Type II physeal fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S89.121A	Salter-Harris Type II physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.121D	Salter-Harris Type II physeal fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.121G	Salter-Harris Type II physeal fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.121K	Salter-Harris Type II physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.121P	Salter-Harris Type II physeal fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.121S	Salter-Harris Type II physeal fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.122	Salter-Harris Type II physeal fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S89.122A	Salter-Harris Type II physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.122D	Salter-Harris Type II physeal fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.122G	Salter-Harris Type II physeal fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.122K	Salter-Harris Type II physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.122P	Salter-Harris Type II physeal fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.122S	Salter-Harris Type II physeal fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.129	Salter-Harris Type II physeal fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S89.129A	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.129D	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.129G	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.129K	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.129P	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.129S	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.13	Salter-Harris Type III physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.131	Salter-Harris Type III physeal fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S89.131A	Salter-Harris Type III physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.131D	Salter-Harris Type III physeal fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.131G	Salter-Harris Type III physeal fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.131K	Salter-Harris Type III physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.131P	Salter-Harris Type III physeal fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.131S	Salter-Harris Type III physeal fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.132	Salter-Harris Type III physeal fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S89.132A	Salter-Harris Type III physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.132D	Salter-Harris Type III physeal fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.132G	Salter-Harris Type III physeal fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.132K	Salter-Harris Type III physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.132P	Salter-Harris Type III physeal fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.132S	Salter-Harris Type III physeal fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.139	Salter-Harris Type III physeal fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.139A	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.139D	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.139G	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.139K	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.139P	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.139S	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.14	Salter-Harris Type IV physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.141	Salter-Harris Type IV physeal fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S89.141A	Salter-Harris Type IV physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.141D	Salter-Harris Type IV physeal fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.141G	Salter-Harris Type IV physeal fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.141K	Salter-Harris Type IV physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.141P	Salter-Harris Type IV physeal fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.141S	Salter-Harris Type IV physeal fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.142	Salter-Harris Type IV physeal fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S89.142A	Salter-Harris Type IV physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.142D	Salter-Harris Type IV physeal fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.142G	Salter-Harris Type IV physeal fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.142K	Salter-Harris Type IV physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.142P	Salter-Harris Type IV physeal fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.142S	Salter-Harris Type IV physeal fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.149	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S89.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.149D	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.149G	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.149K	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.149P	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.149S	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.19	Other physeal fracture of lower end of tibia	Diagnosis	ICD-10-CM
S89.191	Other physeal fracture of lower end of right tibia	Diagnosis	ICD-10-CM
S89.191A	Other physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.191D	Other physeal fracture of lower end of right tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.191G	Other physeal fracture of lower end of right tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.191K	Other physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.191P	Other physeal fracture of lower end of right tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.191S	Other physeal fracture of lower end of right tibia, sequela	Diagnosis	ICD-10-CM
S89.192	Other physeal fracture of lower end of left tibia	Diagnosis	ICD-10-CM
S89.192A	Other physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.192D	Other physeal fracture of lower end of left tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.192G	Other physeal fracture of lower end of left tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.192K	Other physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.192P	Other physeal fracture of lower end of left tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.192S	Other physeal fracture of lower end of left tibia, sequela	Diagnosis	ICD-10-CM
S89.199	Other physeal fracture of lower end of unspecified tibia	Diagnosis	ICD-10-CM
S89.199A	Other physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.199D	Other physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.199G	Other physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.199K	Other physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.199P	Other physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.199S	Other physeal fracture of lower end of unspecified tibia, sequela	Diagnosis	ICD-10-CM
S89.2	Physeal fracture of upper end of fibula	Diagnosis	ICD-10-CM
S89.20	Unspecified physeal fracture of upper end of fibula	Diagnosis	ICD-10-CM
S89.201	Unspecified physeal fracture of upper end of right fibula	Diagnosis	ICD-10-CM
S89.201A	Unspecified physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.201D	Unspecified physeal fracture of upper end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.201G	Unspecified physeal fracture of upper end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.201K	Unspecified physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.201P	Unspecified physeal fracture of upper end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.201S	Unspecified physeal fracture of upper end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.202	Unspecified physeal fracture of upper end of left fibula	Diagnosis	ICD-10-CM
S89.202A	Unspecified physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.202D	Unspecified physeal fracture of upper end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.202G	Unspecified physeal fracture of upper end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.202K	Unspecified physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.202P	Unspecified physeal fracture of upper end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.202S	Unspecified physeal fracture of upper end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.209	Unspecified physeal fracture of upper end of unspecified fibula	Diagnosis	ICD-10-CM
S89.209A	Unspecified physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.209D	Unspecified physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.209G	Unspecified physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.209K	Unspecified physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.209P	Unspecified physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.209S	Unspecified physeal fracture of upper end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.21	Salter-Harris Type I physeal fracture of upper end of fibula	Diagnosis	ICD-10-CM
S89.211	Salter-Harris Type I physeal fracture of upper end of right fibula	Diagnosis	ICD-10-CM
S89.211A	Salter-Harris Type I physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.211D	Salter-Harris Type I physeal fracture of upper end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.211G	Salter-Harris Type I physeal fracture of upper end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.211K	Salter-Harris Type I physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.211P	Salter-Harris Type I physeal fracture of upper end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.211S	Salter-Harris Type I physeal fracture of upper end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.212	Salter-Harris Type I physeal fracture of upper end of left fibula	Diagnosis	ICD-10-CM
S89.212A	Salter-Harris Type I physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.212D	Salter-Harris Type I physeal fracture of upper end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.212G	Salter-Harris Type I physeal fracture of upper end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.212K	Salter-Harris Type I physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.212P	Salter-Harris Type I physeal fracture of upper end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.212S	Salter-Harris Type I physeal fracture of upper end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.219	Salter-Harris Type I physeal fracture of upper end of unspecified fibula	Diagnosis	ICD-10-CM
S89.219A	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.219D	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.219G	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.219K	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.219P	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.219S	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.22	Salter-Harris Type II physeal fracture of upper end of fibula	Diagnosis	ICD-10-CM
S89.221	Salter-Harris Type II physeal fracture of upper end of right fibula	Diagnosis	ICD-10-CM
S89.221A	Salter-Harris Type II physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.221D	Salter-Harris Type II physeal fracture of upper end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.221G	Salter-Harris Type II physeal fracture of upper end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.221K	Salter-Harris Type II physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.221P	Salter-Harris Type II physeal fracture of upper end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.221S	Salter-Harris Type II physeal fracture of upper end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.222	Salter-Harris Type II physeal fracture of upper end of left fibula	Diagnosis	ICD-10-CM
S89.222A	Salter-Harris Type II physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.222D	Salter-Harris Type II physeal fracture of upper end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.222G	Salter-Harris Type II physeal fracture of upper end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.222K	Salter-Harris Type II physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.222P	Salter-Harris Type II physeal fracture of upper end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.222S	Salter-Harris Type II physeal fracture of upper end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.229	Salter-Harris Type II physeal fracture of upper end of unspecified fibula	Diagnosis	ICD-10-CM
S89.229A	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.229D	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.229G	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.229K	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.229P	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.229S	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.29	Other physeal fracture of upper end of fibula	Diagnosis	ICD-10-CM
S89.291	Other physeal fracture of upper end of right fibula	Diagnosis	ICD-10-CM
S89.291A	Other physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.291D	Other physeal fracture of upper end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.291G	Other physeal fracture of upper end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.291K	Other physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.291P	Other physeal fracture of upper end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.291S	Other physeal fracture of upper end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.292	Other physeal fracture of upper end of left fibula	Diagnosis	ICD-10-CM
S89.292A	Other physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.292D	Other physeal fracture of upper end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.292G	Other physeal fracture of upper end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.292K	Other physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.292P	Other physeal fracture of upper end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.292S	Other physeal fracture of upper end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.299	Other physeal fracture of upper end of unspecified fibula	Diagnosis	ICD-10-CM
S89.299A	Other physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.299D	Other physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.299G	Other physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.299K	Other physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.299P	Other physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.299S	Other physeal fracture of upper end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.3	Physeal fracture of lower end of fibula	Diagnosis	ICD-10-CM
S89.30	Unspecified physeal fracture of lower end of fibula	Diagnosis	ICD-10-CM
S89.301	Unspecified physeal fracture of lower end of right fibula	Diagnosis	ICD-10-CM
S89.301A	Unspecified physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.301D	Unspecified physeal fracture of lower end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.301G	Unspecified physeal fracture of lower end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.301K	Unspecified physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.301P	Unspecified physeal fracture of lower end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.301S	Unspecified physeal fracture of lower end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.302	Unspecified physeal fracture of lower end of left fibula	Diagnosis	ICD-10-CM
S89.302A	Unspecified physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.302D	Unspecified physeal fracture of lower end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.302G	Unspecified physeal fracture of lower end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.302K	Unspecified physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.302P	Unspecified physeal fracture of lower end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.302S	Unspecified physeal fracture of lower end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.309	Unspecified physeal fracture of lower end of unspecified fibula	Diagnosis	ICD-10-CM
S89.309A	Unspecified physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.309D	Unspecified physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.309G	Unspecified physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.309K	Unspecified physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.309P	Unspecified physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.309S	Unspecified physeal fracture of lower end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.31	Salter-Harris Type I physeal fracture of lower end of fibula	Diagnosis	ICD-10-CM
S89.311	Salter-Harris Type I physeal fracture of lower end of right fibula	Diagnosis	ICD-10-CM
S89.311A	Salter-Harris Type I physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.311D	Salter-Harris Type I physeal fracture of lower end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.311G	Salter-Harris Type I physeal fracture of lower end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.311K	Salter-Harris Type I physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.311P	Salter-Harris Type I physeal fracture of lower end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.311S	Salter-Harris Type I physeal fracture of lower end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.312	Salter-Harris Type I physeal fracture of lower end of left fibula	Diagnosis	ICD-10-CM
S89.312A	Salter-Harris Type I physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.312D	Salter-Harris Type I physeal fracture of lower end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.312G	Salter-Harris Type I physeal fracture of lower end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.312K	Salter-Harris Type I physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.312P	Salter-Harris Type I physeal fracture of lower end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.312S	Salter-Harris Type I physeal fracture of lower end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.319	Salter-Harris Type I physeal fracture of lower end of unspecified fibula	Diagnosis	ICD-10-CM
S89.319A	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.319D	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.319G	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.319K	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.319P	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.319S	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.32	Salter-Harris Type II physeal fracture of lower end of fibula	Diagnosis	ICD-10-CM
S89.321	Salter-Harris Type II physeal fracture of lower end of right fibula	Diagnosis	ICD-10-CM
S89.321A	Salter-Harris Type II physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.321D	Salter-Harris Type II physeal fracture of lower end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.321G	Salter-Harris Type II physeal fracture of lower end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.321K	Salter-Harris Type II physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.321P	Salter-Harris Type II physeal fracture of lower end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.321S	Salter-Harris Type II physeal fracture of lower end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.322	Salter-Harris Type II physeal fracture of lower end of left fibula	Diagnosis	ICD-10-CM
S89.322A	Salter-Harris Type II physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.322D	Salter-Harris Type II physeal fracture of lower end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.322G	Salter-Harris Type II physeal fracture of lower end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.322K	Salter-Harris Type II physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.322P	Salter-Harris Type II physeal fracture of lower end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.322S	Salter-Harris Type II physeal fracture of lower end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.329	Salter-Harris Type II physeal fracture of lower end of unspecified fibula	Diagnosis	ICD-10-CM
S89.329A	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.329D	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.329G	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.329K	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.329P	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.329S	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.39	Other physeal fracture of lower end of fibula	Diagnosis	ICD-10-CM
S89.391	Other physeal fracture of lower end of right fibula	Diagnosis	ICD-10-CM
S89.391A	Other physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.391D	Other physeal fracture of lower end of right fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.391G	Other physeal fracture of lower end of right fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.391K	Other physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.391P	Other physeal fracture of lower end of right fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.391S	Other physeal fracture of lower end of right fibula, sequela	Diagnosis	ICD-10-CM
S89.392	Other physeal fracture of lower end of left fibula	Diagnosis	ICD-10-CM
S89.392A	Other physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.392D	Other physeal fracture of lower end of left fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.392G	Other physeal fracture of lower end of left fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.392K	Other physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.392P	Other physeal fracture of lower end of left fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.392S	Other physeal fracture of lower end of left fibula, sequela	Diagnosis	ICD-10-CM
S89.399	Other physeal fracture of lower end of unspecified fibula	Diagnosis	ICD-10-CM
S89.399A	Other physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.399D	Other physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S89.399G	Other physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S89.399K	Other physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S89.399P	Other physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S89.399S	Other physeal fracture of lower end of unspecified fibula, sequela	Diagnosis	ICD-10-CM
S89.8	Other specified injuries of lower leg	Diagnosis	ICD-10-CM
S89.80	Other specified injuries of unspecified lower leg	Diagnosis	ICD-10-CM
S89.80XA	Other specified injuries of unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S89.80XD	Other specified injuries of unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S89.80XS	Other specified injuries of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S89.81	Other specified injuries of right lower leg	Diagnosis	ICD-10-CM
S89.81XA	Other specified injuries of right lower leg, initial encounter	Diagnosis	ICD-10-CM
S89.81XD	Other specified injuries of right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S89.81XS	Other specified injuries of right lower leg, sequela	Diagnosis	ICD-10-CM
S89.82	Other specified injuries of left lower leg	Diagnosis	ICD-10-CM
S89.82XA	Other specified injuries of left lower leg, initial encounter	Diagnosis	ICD-10-CM
S89.82XD	Other specified injuries of left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S89.82XS	Other specified injuries of left lower leg, sequela	Diagnosis	ICD-10-CM
S89.9	Unspecified injury of lower leg	Diagnosis	ICD-10-CM
S89.90	Unspecified injury of unspecified lower leg	Diagnosis	ICD-10-CM
S89.90XA	Unspecified injury of unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S89.90XD	Unspecified injury of unspecified lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S89.90XS	Unspecified injury of unspecified lower leg, sequela	Diagnosis	ICD-10-CM
S89.91	Unspecified injury of right lower leg	Diagnosis	ICD-10-CM
S89.91XA	Unspecified injury of right lower leg, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S89.91XD	Unspecified injury of right lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S89.91XS	Unspecified injury of right lower leg, sequela	Diagnosis	ICD-10-CM
S89.92	Unspecified injury of left lower leg	Diagnosis	ICD-10-CM
S89.92XA	Unspecified injury of left lower leg, initial encounter	Diagnosis	ICD-10-CM
S89.92XD	Unspecified injury of left lower leg, subsequent encounter	Diagnosis	ICD-10-CM
S89.92XS	Unspecified injury of left lower leg, sequela	Diagnosis	ICD-10-CM
S90	Superficial injury of ankle, foot and toes	Diagnosis	ICD-10-CM
S90.0	Contusion of ankle	Diagnosis	ICD-10-CM
S90.00	Contusion of unspecified ankle	Diagnosis	ICD-10-CM
S90.00XA	Contusion of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.00XD	Contusion of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.00XS	Contusion of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.01	Contusion of right ankle	Diagnosis	ICD-10-CM
S90.01XA	Contusion of right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.01XD	Contusion of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.01XS	Contusion of right ankle, sequela	Diagnosis	ICD-10-CM
S90.02	Contusion of left ankle	Diagnosis	ICD-10-CM
S90.02XA	Contusion of left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.02XD	Contusion of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.02XS	Contusion of left ankle, sequela	Diagnosis	ICD-10-CM
S90.1	Contusion of toe without damage to nail	Diagnosis	ICD-10-CM
S90.11	Contusion of great toe without damage to nail	Diagnosis	ICD-10-CM
S90.111	Contusion of right great toe without damage to nail	Diagnosis	ICD-10-CM
S90.111A	Contusion of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.111D	Contusion of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.111S	Contusion of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S90.112	Contusion of left great toe without damage to nail	Diagnosis	ICD-10-CM
S90.112A	Contusion of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.112D	Contusion of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.112S	Contusion of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S90.119	Contusion of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S90.119A	Contusion of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.119D	Contusion of unspecified great toe without damage to nail, subsequent	Diagnosis	ICD-10-CM
S90.119S	Contusion of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S90.12	Contusion of lesser toe without damage to nail	Diagnosis	ICD-10-CM
S90.121	Contusion of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S90.121A	Contusion of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.121D	Contusion of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.121S	Contusion of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S90.122	Contusion of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S90.122A	Contusion of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.122D	Contusion of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.122S	Contusion of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S90.129	Contusion of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S90.129A	Contusion of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.129D	Contusion of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.129S	Contusion of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S90.2	Contusion of toe with damage to nail	Diagnosis	ICD-10-CM
S90.21	Contusion of great toe with damage to nail	Diagnosis	ICD-10-CM
S90.211	Contusion of right great toe with damage to nail	Diagnosis	ICD-10-CM
S90.211A	Contusion of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.211D	Contusion of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.211S	Contusion of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S90.212	Contusion of left great toe with damage to nail	Diagnosis	ICD-10-CM
S90.212A	Contusion of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.212D	Contusion of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.212S	Contusion of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S90.219	Contusion of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S90.219A	Contusion of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.219D	Contusion of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.219S	Contusion of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S90.22	Contusion of lesser toe with damage to nail	Diagnosis	ICD-10-CM
S90.221	Contusion of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S90.221A	Contusion of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.221D	Contusion of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.221S	Contusion of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S90.222	Contusion of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S90.222A	Contusion of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.222D	Contusion of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.222S	Contusion of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S90.229	Contusion of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S90.229A	Contusion of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S90.229D	Contusion of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S90.229S	Contusion of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S90.3	Contusion of foot	Diagnosis	ICD-10-CM
S90.30	Contusion of unspecified foot	Diagnosis	ICD-10-CM
S90.30XA	Contusion of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.30XD	Contusion of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.30XS	Contusion of unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.31	Contusion of right foot	Diagnosis	ICD-10-CM
S90.31XA	Contusion of right foot, initial encounter	Diagnosis	ICD-10-CM
S90.31XD	Contusion of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.31XS	Contusion of right foot, sequela	Diagnosis	ICD-10-CM
S90.32	Contusion of left foot	Diagnosis	ICD-10-CM
S90.32XA	Contusion of left foot, initial encounter	Diagnosis	ICD-10-CM
S90.32XD	Contusion of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.32XS	Contusion of left foot, sequela	Diagnosis	ICD-10-CM
S90.4	Other superficial injuries of toe	Diagnosis	ICD-10-CM
S90.41	Abrasion of toe	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.411	Abrasion, right great toe	Diagnosis	ICD-10-CM
S90.411A	Abrasion, right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.411D	Abrasion, right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.411S	Abrasion, right great toe, sequela	Diagnosis	ICD-10-CM
S90.412	Abrasion, left great toe	Diagnosis	ICD-10-CM
S90.412A	Abrasion, left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.412D	Abrasion, left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.412S	Abrasion, left great toe, sequela	Diagnosis	ICD-10-CM
S90.413	Abrasion, unspecified great toe	Diagnosis	ICD-10-CM
S90.413A	Abrasion, unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.413D	Abrasion, unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.413S	Abrasion, unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.414	Abrasion, right lesser toe(s)	Diagnosis	ICD-10-CM
S90.414A	Abrasion, right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.414D	Abrasion, right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.414S	Abrasion, right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.415	Abrasion, left lesser toe(s)	Diagnosis	ICD-10-CM
S90.415A	Abrasion, left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.415D	Abrasion, left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.415S	Abrasion, left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.416	Abrasion, unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.416A	Abrasion, unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.416D	Abrasion, unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.416S	Abrasion, unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.42	Blister (nonthermal) of toe	Diagnosis	ICD-10-CM
S90.421	Blister (nonthermal), right great toe	Diagnosis	ICD-10-CM
S90.421A	Blister (nonthermal), right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.421D	Blister (nonthermal), right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.421S	Blister (nonthermal), right great toe, sequela	Diagnosis	ICD-10-CM
S90.422	Blister (nonthermal), left great toe	Diagnosis	ICD-10-CM
S90.422A	Blister (nonthermal), left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.422D	Blister (nonthermal), left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.422S	Blister (nonthermal), left great toe, sequela	Diagnosis	ICD-10-CM
S90.423	Blister (nonthermal), unspecified great toe	Diagnosis	ICD-10-CM
S90.423A	Blister (nonthermal), unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.423D	Blister (nonthermal), unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.423S	Blister (nonthermal), unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.424	Blister (nonthermal), right lesser toe(s)	Diagnosis	ICD-10-CM
S90.424A	Blister (nonthermal), right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.424D	Blister (nonthermal), right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.424S	Blister (nonthermal), right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.425	Blister (nonthermal), left lesser toe(s)	Diagnosis	ICD-10-CM
S90.425A	Blister (nonthermal), left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.425D	Blister (nonthermal), left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.425S	Blister (nonthermal), left lesser toe(s), sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.426	Blister (nonthermal), unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.426A	Blister (nonthermal), unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.426D	Blister (nonthermal), unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.426S	Blister (nonthermal), unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.44	External constriction of toe	Diagnosis	ICD-10-CM
S90.441	External constriction, right great toe	Diagnosis	ICD-10-CM
S90.441A	External constriction, right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.441D	External constriction, right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.441S	External constriction, right great toe, sequela	Diagnosis	ICD-10-CM
S90.442	External constriction, left great toe	Diagnosis	ICD-10-CM
S90.442A	External constriction, left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.442D	External constriction, left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.442S	External constriction, left great toe, sequela	Diagnosis	ICD-10-CM
S90.443	External constriction, unspecified great toe	Diagnosis	ICD-10-CM
S90.443A	External constriction, unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.443D	External constriction, unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.443S	External constriction, unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.444	External constriction, right lesser toe(s)	Diagnosis	ICD-10-CM
S90.444A	External constriction, right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.444D	External constriction, right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.444S	External constriction, right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.445	External constriction, left lesser toe(s)	Diagnosis	ICD-10-CM
S90.445A	External constriction, left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.445D	External constriction, left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.445S	External constriction, left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.446	External constriction, unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.446A	External constriction, unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.446D	External constriction, unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.446S	External constriction, unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.45	Superficial foreign body of toe	Diagnosis	ICD-10-CM
S90.451	Superficial foreign body, right great toe	Diagnosis	ICD-10-CM
S90.451A	Superficial foreign body, right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.451D	Superficial foreign body, right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.451S	Superficial foreign body, right great toe, sequela	Diagnosis	ICD-10-CM
S90.452	Superficial foreign body, left great toe	Diagnosis	ICD-10-CM
S90.452A	Superficial foreign body, left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.452D	Superficial foreign body, left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.452S	Superficial foreign body, left great toe, sequela	Diagnosis	ICD-10-CM
S90.453	Superficial foreign body, unspecified great toe	Diagnosis	ICD-10-CM
S90.453A	Superficial foreign body, unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.453D	Superficial foreign body, unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.453S	Superficial foreign body, unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.454	Superficial foreign body, right lesser toe(s)	Diagnosis	ICD-10-CM
S90.454A	Superficial foreign body, right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.454D	Superficial foreign body, right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.454S	Superficial foreign body, right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.455	Superficial foreign body, left lesser toe(s)	Diagnosis	ICD-10-CM
S90.455A	Superficial foreign body, left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.455D	Superficial foreign body, left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.455S	Superficial foreign body, left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.456	Superficial foreign body, unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.456A	Superficial foreign body, unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.456D	Superficial foreign body, unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.456S	Superficial foreign body, unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.46	Insect bite (nonvenomous) of toe	Diagnosis	ICD-10-CM
S90.461	Insect bite (nonvenomous), right great toe	Diagnosis	ICD-10-CM
S90.461A	Insect bite (nonvenomous), right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.461D	Insect bite (nonvenomous), right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.461S	Insect bite (nonvenomous), right great toe, sequela	Diagnosis	ICD-10-CM
S90.462	Insect bite (nonvenomous), left great toe	Diagnosis	ICD-10-CM
S90.462A	Insect bite (nonvenomous), left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.462D	Insect bite (nonvenomous), left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.462S	Insect bite (nonvenomous), left great toe, sequela	Diagnosis	ICD-10-CM
S90.463	Insect bite (nonvenomous), unspecified great toe	Diagnosis	ICD-10-CM
S90.463A	Insect bite (nonvenomous), unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.463D	Insect bite (nonvenomous), unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.463S	Insect bite (nonvenomous), unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.464	Insect bite (nonvenomous), right lesser toe(s)	Diagnosis	ICD-10-CM
S90.464A	Insect bite (nonvenomous), right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.464D	Insect bite (nonvenomous), right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.464S	Insect bite (nonvenomous), right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.465	Insect bite (nonvenomous), left lesser toe(s)	Diagnosis	ICD-10-CM
S90.465A	Insect bite (nonvenomous), left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.465D	Insect bite (nonvenomous), left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.465S	Insect bite (nonvenomous), left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.466	Insect bite (nonvenomous), unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.466A	Insect bite (nonvenomous), unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.466D	Insect bite (nonvenomous), unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.466S	Insect bite (nonvenomous), unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.47	Other superficial bite of toe	Diagnosis	ICD-10-CM
S90.471	Other superficial bite of right great toe	Diagnosis	ICD-10-CM
S90.471A	Other superficial bite of right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.471D	Other superficial bite of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.471S	Other superficial bite of right great toe, sequela	Diagnosis	ICD-10-CM
S90.472	Other superficial bite of left great toe	Diagnosis	ICD-10-CM
S90.472A	Other superficial bite of left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.472D	Other superficial bite of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.472S	Other superficial bite of left great toe, sequela	Diagnosis	ICD-10-CM
S90.473	Other superficial bite of unspecified great toe	Diagnosis	ICD-10-CM
S90.473A	Other superficial bite of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.473D	Other superficial bite of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.473S	Other superficial bite of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.474	Other superficial bite of right lesser toe(s)	Diagnosis	ICD-10-CM
S90.474A	Other superficial bite of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.474D	Other superficial bite of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.474S	Other superficial bite of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.475	Other superficial bite of left lesser toe(s)	Diagnosis	ICD-10-CM
S90.475A	Other superficial bite of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.475D	Other superficial bite of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.475S	Other superficial bite of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.476	Other superficial bite of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.476A	Other superficial bite of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.476D	Other superficial bite of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.476S	Other superficial bite of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.5	Other superficial injuries of ankle	Diagnosis	ICD-10-CM
S90.51	Abrasion of ankle	Diagnosis	ICD-10-CM
S90.511	Abrasion, right ankle	Diagnosis	ICD-10-CM
S90.511A	Abrasion, right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.511D	Abrasion, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.511S	Abrasion, right ankle, sequela	Diagnosis	ICD-10-CM
S90.512	Abrasion, left ankle	Diagnosis	ICD-10-CM
S90.512A	Abrasion, left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.512D	Abrasion, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.512S	Abrasion, left ankle, sequela	Diagnosis	ICD-10-CM
S90.519	Abrasion, unspecified ankle	Diagnosis	ICD-10-CM
S90.519A	Abrasion, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.519D	Abrasion, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.519S	Abrasion, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.52	Blister (nonthermal) of ankle	Diagnosis	ICD-10-CM
S90.521	Blister (nonthermal), right ankle	Diagnosis	ICD-10-CM
S90.521A	Blister (nonthermal), right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.521D	Blister (nonthermal), right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.521S	Blister (nonthermal), right ankle, sequela	Diagnosis	ICD-10-CM
S90.522	Blister (nonthermal), left ankle	Diagnosis	ICD-10-CM
S90.522A	Blister (nonthermal), left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.522D	Blister (nonthermal), left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.522S	Blister (nonthermal), left ankle, sequela	Diagnosis	ICD-10-CM
S90.529	Blister (nonthermal), unspecified ankle	Diagnosis	ICD-10-CM
S90.529A	Blister (nonthermal), unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.529D	Blister (nonthermal), unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.529S	Blister (nonthermal), unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.54	External constriction of ankle	Diagnosis	ICD-10-CM
S90.541	External constriction, right ankle	Diagnosis	ICD-10-CM
S90.541A	External constriction, right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.541D	External constriction, right ankle, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.541S	External constriction, right ankle, sequela	Diagnosis	ICD-10-CM
S90.542	External constriction, left ankle	Diagnosis	ICD-10-CM
S90.542A	External constriction, left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.542D	External constriction, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.542S	External constriction, left ankle, sequela	Diagnosis	ICD-10-CM
S90.549	External constriction, unspecified ankle	Diagnosis	ICD-10-CM
S90.549A	External constriction, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.549D	External constriction, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.549S	External constriction, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.55	Superficial foreign body of ankle	Diagnosis	ICD-10-CM
S90.551	Superficial foreign body, right ankle	Diagnosis	ICD-10-CM
S90.551A	Superficial foreign body, right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.551D	Superficial foreign body, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.551S	Superficial foreign body, right ankle, sequela	Diagnosis	ICD-10-CM
S90.552	Superficial foreign body, left ankle	Diagnosis	ICD-10-CM
S90.552A	Superficial foreign body, left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.552D	Superficial foreign body, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.552S	Superficial foreign body, left ankle, sequela	Diagnosis	ICD-10-CM
S90.559	Superficial foreign body, unspecified ankle	Diagnosis	ICD-10-CM
S90.559A	Superficial foreign body, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.559D	Superficial foreign body, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.559S	Superficial foreign body, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.56	Insect bite (nonvenomous) of ankle	Diagnosis	ICD-10-CM
S90.561	Insect bite (nonvenomous), right ankle	Diagnosis	ICD-10-CM
S90.561A	Insect bite (nonvenomous), right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.561D	Insect bite (nonvenomous), right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.561S	Insect bite (nonvenomous), right ankle, sequela	Diagnosis	ICD-10-CM
S90.562	Insect bite (nonvenomous), left ankle	Diagnosis	ICD-10-CM
S90.562A	Insect bite (nonvenomous), left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.562D	Insect bite (nonvenomous), left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.562S	Insect bite (nonvenomous), left ankle, sequela	Diagnosis	ICD-10-CM
S90.569	Insect bite (nonvenomous), unspecified ankle	Diagnosis	ICD-10-CM
S90.569A	Insect bite (nonvenomous), unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.569D	Insect bite (nonvenomous), unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.569S	Insect bite (nonvenomous), unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.57	Other superficial bite of ankle	Diagnosis	ICD-10-CM
S90.571	Other superficial bite of ankle, right ankle	Diagnosis	ICD-10-CM
S90.571A	Other superficial bite of ankle, right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.571D	Other superficial bite of ankle, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.571S	Other superficial bite of ankle, right ankle, sequela	Diagnosis	ICD-10-CM
S90.572	Other superficial bite of ankle, left ankle	Diagnosis	ICD-10-CM
S90.572A	Other superficial bite of ankle, left ankle, initial encounter	Diagnosis	ICD-10-CM
S90.572D	Other superficial bite of ankle, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.572S	Other superficial bite of ankle, left ankle, sequela	Diagnosis	ICD-10-CM
S90.579	Other superficial bite of ankle, unspecified ankle	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.579A	Other superficial bite of ankle, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.579D	Other superficial bite of ankle, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.579S	Other superficial bite of ankle, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.8	Other superficial injuries of foot	Diagnosis	ICD-10-CM
S90.81	Abrasion of foot	Diagnosis	ICD-10-CM
S90.811	Abrasion, right foot	Diagnosis	ICD-10-CM
S90.811A	Abrasion, right foot, initial encounter	Diagnosis	ICD-10-CM
S90.811D	Abrasion, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.811S	Abrasion, right foot, sequela	Diagnosis	ICD-10-CM
S90.812	Abrasion, left foot	Diagnosis	ICD-10-CM
S90.812A	Abrasion, left foot, initial encounter	Diagnosis	ICD-10-CM
S90.812D	Abrasion, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.812S	Abrasion, left foot, sequela	Diagnosis	ICD-10-CM
S90.819	Abrasion, unspecified foot	Diagnosis	ICD-10-CM
S90.819A	Abrasion, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.819D	Abrasion, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.819S	Abrasion, unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.82	Blister (nonthermal) of foot	Diagnosis	ICD-10-CM
S90.821	Blister (nonthermal), right foot	Diagnosis	ICD-10-CM
S90.821A	Blister (nonthermal), right foot, initial encounter	Diagnosis	ICD-10-CM
S90.821D	Blister (nonthermal), right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.821S	Blister (nonthermal), right foot, sequela	Diagnosis	ICD-10-CM
S90.822	Blister (nonthermal), left foot	Diagnosis	ICD-10-CM
S90.822A	Blister (nonthermal), left foot, initial encounter	Diagnosis	ICD-10-CM
S90.822D	Blister (nonthermal), left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.822S	Blister (nonthermal), left foot, sequela	Diagnosis	ICD-10-CM
S90.829	Blister (nonthermal), unspecified foot	Diagnosis	ICD-10-CM
S90.829A	Blister (nonthermal), unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.829D	Blister (nonthermal), unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.829S	Blister (nonthermal), unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.84	External constriction of foot	Diagnosis	ICD-10-CM
S90.841	External constriction, right foot	Diagnosis	ICD-10-CM
S90.841A	External constriction, right foot, initial encounter	Diagnosis	ICD-10-CM
S90.841D	External constriction, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.841S	External constriction, right foot, sequela	Diagnosis	ICD-10-CM
S90.842	External constriction, left foot	Diagnosis	ICD-10-CM
S90.842A	External constriction, left foot, initial encounter	Diagnosis	ICD-10-CM
S90.842D	External constriction, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.842S	External constriction, left foot, sequela	Diagnosis	ICD-10-CM
S90.849	External constriction, unspecified foot	Diagnosis	ICD-10-CM
S90.849A	External constriction, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.849D	External constriction, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.849S	External constriction, unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.85	Superficial foreign body of foot	Diagnosis	ICD-10-CM
S90.851	Superficial foreign body, right foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.851A	Superficial foreign body, right foot, initial encounter	Diagnosis	ICD-10-CM
S90.851D	Superficial foreign body, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.851S	Superficial foreign body, right foot, sequela	Diagnosis	ICD-10-CM
S90.852	Superficial foreign body, left foot	Diagnosis	ICD-10-CM
S90.852A	Superficial foreign body, left foot, initial encounter	Diagnosis	ICD-10-CM
S90.852D	Superficial foreign body, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.852S	Superficial foreign body, left foot, sequela	Diagnosis	ICD-10-CM
S90.859	Superficial foreign body, unspecified foot	Diagnosis	ICD-10-CM
S90.859A	Superficial foreign body, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.859D	Superficial foreign body, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.859S	Superficial foreign body, unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.86	Insect bite (nonvenomous) of foot	Diagnosis	ICD-10-CM
S90.861	Insect bite (nonvenomous), right foot	Diagnosis	ICD-10-CM
S90.861A	Insect bite (nonvenomous), right foot, initial encounter	Diagnosis	ICD-10-CM
S90.861D	Insect bite (nonvenomous), right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.861S	Insect bite (nonvenomous), right foot, sequela	Diagnosis	ICD-10-CM
S90.862	Insect bite (nonvenomous), left foot	Diagnosis	ICD-10-CM
S90.862A	Insect bite (nonvenomous), left foot, initial encounter	Diagnosis	ICD-10-CM
S90.862D	Insect bite (nonvenomous), left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.862S	Insect bite (nonvenomous), left foot, sequela	Diagnosis	ICD-10-CM
S90.869	Insect bite (nonvenomous), unspecified foot	Diagnosis	ICD-10-CM
S90.869A	Insect bite (nonvenomous), unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.869D	Insect bite (nonvenomous), unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.869S	Insect bite (nonvenomous), unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.87	Other superficial bite of foot	Diagnosis	ICD-10-CM
S90.871	Other superficial bite of right foot	Diagnosis	ICD-10-CM
S90.871A	Other superficial bite of right foot, initial encounter	Diagnosis	ICD-10-CM
S90.871D	Other superficial bite of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.871S	Other superficial bite of right foot, sequela	Diagnosis	ICD-10-CM
S90.872	Other superficial bite of left foot	Diagnosis	ICD-10-CM
S90.872A	Other superficial bite of left foot, initial encounter	Diagnosis	ICD-10-CM
S90.872D	Other superficial bite of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.872S	Other superficial bite of left foot, sequela	Diagnosis	ICD-10-CM
S90.879	Other superficial bite of unspecified foot	Diagnosis	ICD-10-CM
S90.879A	Other superficial bite of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.879D	Other superficial bite of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.879S	Other superficial bite of unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.9	Unspecified superficial injury of ankle, foot and toe	Diagnosis	ICD-10-CM
S90.91	Unspecified superficial injury of ankle	Diagnosis	ICD-10-CM
S90.911	Unspecified superficial injury of right ankle	Diagnosis	ICD-10-CM
S90.911A	Unspecified superficial injury of right ankle, initial encounter	Diagnosis	ICD-10-CM
S90.911D	Unspecified superficial injury of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.911S	Unspecified superficial injury of right ankle, sequela	Diagnosis	ICD-10-CM
S90.912	Unspecified superficial injury of left ankle	Diagnosis	ICD-10-CM
S90.912A	Unspecified superficial injury of left ankle, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S90.912D	Unspecified superficial injury of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.912S	Unspecified superficial injury of left ankle, sequela	Diagnosis	ICD-10-CM
S90.919	Unspecified superficial injury of unspecified ankle	Diagnosis	ICD-10-CM
S90.919A	Unspecified superficial injury of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S90.919D	Unspecified superficial injury of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S90.919S	Unspecified superficial injury of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S90.92	Unspecified superficial injury of foot	Diagnosis	ICD-10-CM
S90.921	Unspecified superficial injury of right foot	Diagnosis	ICD-10-CM
S90.921A	Unspecified superficial injury of right foot, initial encounter	Diagnosis	ICD-10-CM
S90.921D	Unspecified superficial injury of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.921S	Unspecified superficial injury of right foot, sequela	Diagnosis	ICD-10-CM
S90.922	Unspecified superficial injury of left foot	Diagnosis	ICD-10-CM
S90.922A	Unspecified superficial injury of left foot, initial encounter	Diagnosis	ICD-10-CM
S90.922D	Unspecified superficial injury of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.922S	Unspecified superficial injury of left foot, sequela	Diagnosis	ICD-10-CM
S90.929	Unspecified superficial injury of unspecified foot	Diagnosis	ICD-10-CM
S90.929A	Unspecified superficial injury of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S90.929D	Unspecified superficial injury of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S90.929S	Unspecified superficial injury of unspecified foot, sequela	Diagnosis	ICD-10-CM
S90.93	Unspecified superficial injury of toes	Diagnosis	ICD-10-CM
S90.931	Unspecified superficial injury of right great toe	Diagnosis	ICD-10-CM
S90.931A	Unspecified superficial injury of right great toe, initial encounter	Diagnosis	ICD-10-CM
S90.931D	Unspecified superficial injury of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.931S	Unspecified superficial injury of right great toe, sequela	Diagnosis	ICD-10-CM
S90.932	Unspecified superficial injury of left great toe	Diagnosis	ICD-10-CM
S90.932A	Unspecified superficial injury of left great toe, initial encounter	Diagnosis	ICD-10-CM
S90.932D	Unspecified superficial injury of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.932S	Unspecified superficial injury of left great toe, sequela	Diagnosis	ICD-10-CM
S90.933	Unspecified superficial injury of unspecified great toe	Diagnosis	ICD-10-CM
S90.933A	Unspecified superficial injury of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S90.933D	Unspecified superficial injury of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S90.933S	Unspecified superficial injury of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S90.934	Unspecified superficial injury of right lesser toe(s)	Diagnosis	ICD-10-CM
S90.934A	Unspecified superficial injury of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.934D	Unspecified superficial injury of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.934S	Unspecified superficial injury of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.935	Unspecified superficial injury of left lesser toe(s)	Diagnosis	ICD-10-CM
S90.935A	Unspecified superficial injury of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.935D	Unspecified superficial injury of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.935S	Unspecified superficial injury of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S90.936	Unspecified superficial injury of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S90.936A	Unspecified superficial injury of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S90.936D	Unspecified superficial injury of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S90.936S	Unspecified superficial injury of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S91	Open wound of ankle, foot and toes	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S91.0	Open wound of ankle	Diagnosis	ICD-10-CM
S91.00	Unspecified open wound of ankle	Diagnosis	ICD-10-CM
S91.001	Unspecified open wound, right ankle	Diagnosis	ICD-10-CM
S91.001A	Unspecified open wound, right ankle, initial encounter	Diagnosis	ICD-10-CM
S91.001D	Unspecified open wound, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.001S	Unspecified open wound, right ankle, sequela	Diagnosis	ICD-10-CM
S91.002	Unspecified open wound, left ankle	Diagnosis	ICD-10-CM
S91.002A	Unspecified open wound, left ankle, initial encounter	Diagnosis	ICD-10-CM
S91.002D	Unspecified open wound, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.002S	Unspecified open wound, left ankle, sequela	Diagnosis	ICD-10-CM
S91.009	Unspecified open wound, unspecified ankle	Diagnosis	ICD-10-CM
S91.009A	Unspecified open wound, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S91.009D	Unspecified open wound, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.009S	Unspecified open wound, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S91.01	Laceration without foreign body of ankle	Diagnosis	ICD-10-CM
S91.011	Laceration without foreign body, right ankle	Diagnosis	ICD-10-CM
S91.011A	Laceration without foreign body, right ankle, initial encounter	Diagnosis	ICD-10-CM
S91.011D	Laceration without foreign body, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.011S	Laceration without foreign body, right ankle, sequela	Diagnosis	ICD-10-CM
S91.012	Laceration without foreign body, left ankle	Diagnosis	ICD-10-CM
S91.012A	Laceration without foreign body, left ankle, initial encounter	Diagnosis	ICD-10-CM
S91.012D	Laceration without foreign body, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.012S	Laceration without foreign body, left ankle, sequela	Diagnosis	ICD-10-CM
S91.019	Laceration without foreign body, unspecified ankle	Diagnosis	ICD-10-CM
S91.019A	Laceration without foreign body, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S91.019D	Laceration without foreign body, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.019S	Laceration without foreign body, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S91.02	Laceration with foreign body of ankle	Diagnosis	ICD-10-CM
S91.021	Laceration with foreign body, right ankle	Diagnosis	ICD-10-CM
S91.021A	Laceration with foreign body, right ankle, initial encounter	Diagnosis	ICD-10-CM
S91.021D	Laceration with foreign body, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.021S	Laceration with foreign body, right ankle, sequela	Diagnosis	ICD-10-CM
S91.022	Laceration with foreign body, left ankle	Diagnosis	ICD-10-CM
S91.022A	Laceration with foreign body, left ankle, initial encounter	Diagnosis	ICD-10-CM
S91.022D	Laceration with foreign body, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.022S	Laceration with foreign body, left ankle, sequela	Diagnosis	ICD-10-CM
S91.029	Laceration with foreign body, unspecified ankle	Diagnosis	ICD-10-CM
S91.029A	Laceration with foreign body, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S91.029D	Laceration with foreign body, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.029S	Laceration with foreign body, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S91.03	Puncture wound without foreign body of ankle	Diagnosis	ICD-10-CM
S91.031	Puncture wound without foreign body, right ankle	Diagnosis	ICD-10-CM
S91.031A	Puncture wound without foreign body, right ankle, initial encounter	Diagnosis	ICD-10-CM
S91.031D	Puncture wound without foreign body, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.031S	Puncture wound without foreign body, right ankle, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S91.032	Puncture wound without foreign body, left ankle	Diagnosis	ICD-10-CM
S91.032A	Puncture wound without foreign body, left ankle, initial encounter	Diagnosis	ICD-10-CM
S91.032D	Puncture wound without foreign body, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.032S	Puncture wound without foreign body, left ankle, sequela	Diagnosis	ICD-10-CM
S91.039	Puncture wound without foreign body, unspecified ankle	Diagnosis	ICD-10-CM
S91.039A	Puncture wound without foreign body, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S91.039D	Puncture wound without foreign body, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.039S	Puncture wound without foreign body, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S91.04	Puncture wound with foreign body of ankle	Diagnosis	ICD-10-CM
S91.041	Puncture wound with foreign body, right ankle	Diagnosis	ICD-10-CM
S91.041A	Puncture wound with foreign body, right ankle, initial encounter	Diagnosis	ICD-10-CM
S91.041D	Puncture wound with foreign body, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.041S	Puncture wound with foreign body, right ankle, sequela	Diagnosis	ICD-10-CM
S91.042	Puncture wound with foreign body, left ankle	Diagnosis	ICD-10-CM
S91.042A	Puncture wound with foreign body, left ankle, initial encounter	Diagnosis	ICD-10-CM
S91.042D	Puncture wound with foreign body, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.042S	Puncture wound with foreign body, left ankle, sequela	Diagnosis	ICD-10-CM
S91.049	Puncture wound with foreign body, unspecified ankle	Diagnosis	ICD-10-CM
S91.049A	Puncture wound with foreign body, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S91.049D	Puncture wound with foreign body, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.049S	Puncture wound with foreign body, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S91.05	Open bite of ankle	Diagnosis	ICD-10-CM
S91.051	Open bite, right ankle	Diagnosis	ICD-10-CM
S91.051A	Open bite, right ankle, initial encounter	Diagnosis	ICD-10-CM
S91.051D	Open bite, right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.051S	Open bite, right ankle, sequela	Diagnosis	ICD-10-CM
S91.052	Open bite, left ankle	Diagnosis	ICD-10-CM
S91.052A	Open bite, left ankle, initial encounter	Diagnosis	ICD-10-CM
S91.052D	Open bite, left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.052S	Open bite, left ankle, sequela	Diagnosis	ICD-10-CM
S91.059	Open bite, unspecified ankle	Diagnosis	ICD-10-CM
S91.059A	Open bite, unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S91.059D	Open bite, unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S91.059S	Open bite, unspecified ankle, sequela	Diagnosis	ICD-10-CM
S91.1	Open wound of toe without damage to nail	Diagnosis	ICD-10-CM
S91.10	Unspecified open wound of toe without damage to nail	Diagnosis	ICD-10-CM
S91.101	Unspecified open wound of right great toe without damage to nail	Diagnosis	ICD-10-CM
S91.101A	Unspecified open wound of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.101D	Unspecified open wound of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.101S	Unspecified open wound of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.102	Unspecified open wound of left great toe without damage to nail	Diagnosis	ICD-10-CM
S91.102A	Unspecified open wound of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.102D	Unspecified open wound of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.102S	Unspecified open wound of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.103	Unspecified open wound of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S91.103A	Unspecified open wound of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.103D	Unspecified open wound of unspecified great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.103S	Unspecified open wound of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.104	Unspecified open wound of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.104A	Unspecified open wound of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.104D	Unspecified open wound of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.104S	Unspecified open wound of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.105	Unspecified open wound of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.105A	Unspecified open wound of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.105D	Unspecified open wound of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.105S	Unspecified open wound of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.106	Unspecified open wound of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.106A	Unspecified open wound of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.106D	Unspecified open wound of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.106S	Unspecified open wound of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.109	Unspecified open wound of unspecified toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.109A	Unspecified open wound of unspecified toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.109D	Unspecified open wound of unspecified toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.109S	Unspecified open wound of unspecified toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.11	Laceration without foreign body of toe without damage to nail	Diagnosis	ICD-10-CM
S91.111	Laceration without foreign body of right great toe without damage to nail	Diagnosis	ICD-10-CM
S91.111A	Laceration without foreign body of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.111D	Laceration without foreign body of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.111S	Laceration without foreign body of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.112	Laceration without foreign body of left great toe without damage to nail	Diagnosis	ICD-10-CM
S91.112A	Laceration without foreign body of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.112D	Laceration without foreign body of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.112S	Laceration without foreign body of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.113	Laceration without foreign body of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S91.113A	Laceration without foreign body of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.113D	Laceration without foreign body of unspecified great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.113S	Laceration without foreign body of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.114	Laceration without foreign body of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.114A	Laceration without foreign body of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.114D	Laceration without foreign body of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.114S	Laceration without foreign body of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.115	Laceration without foreign body of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.115A	Laceration without foreign body of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.115D	Laceration without foreign body of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.115S	Laceration without foreign body of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.116	Laceration without foreign body of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.116A	Laceration without foreign body of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.116D	Laceration without foreign body of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.116S	Laceration without foreign body of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.119	Laceration without foreign body of unspecified toe without damage to nail	Diagnosis	ICD-10-CM
S91.119A	Laceration without foreign body of unspecified toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.119D	Laceration without foreign body of unspecified toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.119S	Laceration without foreign body of unspecified toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.12	Laceration with foreign body of toe without damage to nail	Diagnosis	ICD-10-CM
S91.121	Laceration with foreign body of right great toe without damage to nail	Diagnosis	ICD-10-CM
S91.121A	Laceration with foreign body of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.121D	Laceration with foreign body of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.121S	Laceration with foreign body of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.122	Laceration with foreign body of left great toe without damage to nail	Diagnosis	ICD-10-CM
S91.122A	Laceration with foreign body of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.122D	Laceration with foreign body of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.122S	Laceration with foreign body of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.123	Laceration with foreign body of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S91.123A	Laceration with foreign body of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.123D	Laceration with foreign body of unspecified great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.123S	Laceration with foreign body of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.124	Laceration with foreign body of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.124A	Laceration with foreign body of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.124D	Laceration with foreign body of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.124S	Laceration with foreign body of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.125	Laceration with foreign body of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.125A	Laceration with foreign body of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.125D	Laceration with foreign body of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.125S	Laceration with foreign body of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.126	Laceration with foreign body of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.126A	Laceration with foreign body of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.126D	Laceration with foreign body of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.126S	Laceration with foreign body of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.129	Laceration with foreign body of unspecified toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.129A	Laceration with foreign body of unspecified toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.129D	Laceration with foreign body of unspecified toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.129S	Laceration with foreign body of unspecified toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.13	Puncture wound without foreign body of toe without damage to nail	Diagnosis	ICD-10-CM
S91.131	Puncture wound without foreign body of right great toe without damage to nail	Diagnosis	ICD-10-CM
S91.131A	Puncture wound without foreign body of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.131D	Puncture wound without foreign body of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.131S	Puncture wound without foreign body of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.132	Puncture wound without foreign body of left great toe without damage to nail	Diagnosis	ICD-10-CM
S91.132A	Puncture wound without foreign body of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.132D	Puncture wound without foreign body of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.132S	Puncture wound without foreign body of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.133	Puncture wound without foreign body of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S91.133A	Puncture wound without foreign body of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.133D	Puncture wound without foreign body of unspecified great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.133S	Puncture wound without foreign body of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.134	Puncture wound without foreign body of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.134A	Puncture wound without foreign body of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.134D	Puncture wound without foreign body of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.134S	Puncture wound without foreign body of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.135	Puncture wound without foreign body of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.135A	Puncture wound without foreign body of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.135D	Puncture wound without foreign body of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.135S	Puncture wound without foreign body of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.136	Puncture wound without foreign body of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.136A	Puncture wound without foreign body of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.136D	Puncture wound without foreign body of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.136S	Puncture wound without foreign body of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.139	Puncture wound without foreign body of unspecified toe(s) without damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.139A	Puncture wound without foreign body of unspecified toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.139D	Puncture wound without foreign body of unspecified toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.139S	Puncture wound without foreign body of unspecified toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.14	Puncture wound with foreign body of toe without damage to nail	Diagnosis	ICD-10-CM
S91.141	Puncture wound with foreign body of right great toe without damage to nail	Diagnosis	ICD-10-CM
S91.141A	Puncture wound with foreign body of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.141D	Puncture wound with foreign body of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.141S	Puncture wound with foreign body of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.142	Puncture wound with foreign body of left great toe without damage to nail	Diagnosis	ICD-10-CM
S91.142A	Puncture wound with foreign body of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.142D	Puncture wound with foreign body of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.142S	Puncture wound with foreign body of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.143	Puncture wound with foreign body of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S91.143A	Puncture wound with foreign body of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.143D	Puncture wound with foreign body of unspecified great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.143S	Puncture wound with foreign body of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.144	Puncture wound with foreign body of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.144A	Puncture wound with foreign body of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.144D	Puncture wound with foreign body of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.144S	Puncture wound with foreign body of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.145	Puncture wound with foreign body of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.145A	Puncture wound with foreign body of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.145D	Puncture wound with foreign body of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.145S	Puncture wound with foreign body of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.146	Puncture wound with foreign body of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.146A	Puncture wound with foreign body of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.146D	Puncture wound with foreign body of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.146S	Puncture wound with foreign body of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.149	Puncture wound with foreign body of unspecified toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.149A	Puncture wound with foreign body of unspecified toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.149D	Puncture wound with foreign body of unspecified toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.149S	Puncture wound with foreign body of unspecified toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.15	Open bite of toe without damage to nail	Diagnosis	ICD-10-CM
S91.151	Open bite of right great toe without damage to nail	Diagnosis	ICD-10-CM
S91.151A	Open bite of right great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.151D	Open bite of right great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.151S	Open bite of right great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.152	Open bite of left great toe without damage to nail	Diagnosis	ICD-10-CM
S91.152A	Open bite of left great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.152D	Open bite of left great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.152S	Open bite of left great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.153	Open bite of unspecified great toe without damage to nail	Diagnosis	ICD-10-CM
S91.153A	Open bite of unspecified great toe without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.153D	Open bite of unspecified great toe without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.153S	Open bite of unspecified great toe without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.154	Open bite of right lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.154A	Open bite of right lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.154D	Open bite of right lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.154S	Open bite of right lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.155	Open bite of left lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.155A	Open bite of left lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.155D	Open bite of left lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.155S	Open bite of left lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.156	Open bite of unspecified lesser toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.156A	Open bite of unspecified lesser toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.156D	Open bite of unspecified lesser toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.156S	Open bite of unspecified lesser toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.159	Open bite of unspecified toe(s) without damage to nail	Diagnosis	ICD-10-CM
S91.159A	Open bite of unspecified toe(s) without damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.159D	Open bite of unspecified toe(s) without damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.159S	Open bite of unspecified toe(s) without damage to nail, sequela	Diagnosis	ICD-10-CM
S91.2	Open wound of toe with damage to nail	Diagnosis	ICD-10-CM
S91.20	Unspecified open wound of toe with damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.201	Unspecified open wound of right great toe with damage to nail	Diagnosis	ICD-10-CM
S91.201A	Unspecified open wound of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.201D	Unspecified open wound of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.201S	Unspecified open wound of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.202	Unspecified open wound of left great toe with damage to nail	Diagnosis	ICD-10-CM
S91.202A	Unspecified open wound of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.202D	Unspecified open wound of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.202S	Unspecified open wound of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.203	Unspecified open wound of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S91.203A	Unspecified open wound of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.203D	Unspecified open wound of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.203S	Unspecified open wound of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.204	Unspecified open wound of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.204A	Unspecified open wound of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.204D	Unspecified open wound of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.204S	Unspecified open wound of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.205	Unspecified open wound of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.205A	Unspecified open wound of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.205D	Unspecified open wound of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.205S	Unspecified open wound of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.206	Unspecified open wound of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.206A	Unspecified open wound of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.206D	Unspecified open wound of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.206S	Unspecified open wound of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.209	Unspecified open wound of unspecified toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.209A	Unspecified open wound of unspecified toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.209D	Unspecified open wound of unspecified toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.209S	Unspecified open wound of unspecified toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.21	Laceration without foreign body of toe with damage to nail	Diagnosis	ICD-10-CM
S91.211	Laceration without foreign body of right great toe with damage to nail	Diagnosis	ICD-10-CM
S91.211A	Laceration without foreign body of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S91.211D	Laceration without foreign body of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.211S	Laceration without foreign body of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.212	Laceration without foreign body of left great toe with damage to nail	Diagnosis	ICD-10-CM
S91.212A	Laceration without foreign body of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.212D	Laceration without foreign body of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.212S	Laceration without foreign body of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.213	Laceration without foreign body of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S91.213A	Laceration without foreign body of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.213D	Laceration without foreign body of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.213S	Laceration without foreign body of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.214	Laceration without foreign body of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.214A	Laceration without foreign body of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.214D	Laceration without foreign body of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.214S	Laceration without foreign body of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.215	Laceration without foreign body of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.215A	Laceration without foreign body of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.215D	Laceration without foreign body of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.215S	Laceration without foreign body of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.216	Laceration without foreign body of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.216A	Laceration without foreign body of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.216D	Laceration without foreign body of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.216S	Laceration without foreign body of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.219	Laceration without foreign body of unspecified toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.219A	Laceration without foreign body of unspecified toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.219D	Laceration without foreign body of unspecified toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.219S	Laceration without foreign body of unspecified toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.22	Laceration with foreign body of toe with damage to nail	Diagnosis	ICD-10-CM
S91.221	Laceration with foreign body of right great toe with damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.221A	Laceration with foreign body of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.221D	Laceration with foreign body of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.221S	Laceration with foreign body of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.222	Laceration with foreign body of left great toe with damage to nail	Diagnosis	ICD-10-CM
S91.222A	Laceration with foreign body of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.222D	Laceration with foreign body of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.222S	Laceration with foreign body of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.223	Laceration with foreign body of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S91.223A	Laceration with foreign body of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.223D	Laceration with foreign body of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.223S	Laceration with foreign body of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.224	Laceration with foreign body of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.224A	Laceration with foreign body of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.224D	Laceration with foreign body of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.224S	Laceration with foreign body of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.225	Laceration with foreign body of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.225A	Laceration with foreign body of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.225D	Laceration with foreign body of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.225S	Laceration with foreign body of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.226	Laceration with foreign body of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.226A	Laceration with foreign body of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.226D	Laceration with foreign body of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.226S	Laceration with foreign body of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.229	Laceration with foreign body of unspecified toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.229A	Laceration with foreign body of unspecified toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.229D	Laceration with foreign body of unspecified toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.229S	Laceration with foreign body of unspecified toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.23	Puncture wound without foreign body of toe with damage to nail	Diagnosis	ICD-10-CM
S91.231	Puncture wound without foreign body of right great toe with damage to nail	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.231A	Puncture wound without foreign body of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.231D	Puncture wound without foreign body of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.231S	Puncture wound without foreign body of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.232	Puncture wound without foreign body of left great toe with damage to nail	Diagnosis	ICD-10-CM
S91.232A	Puncture wound without foreign body of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.232D	Puncture wound without foreign body of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.232S	Puncture wound without foreign body of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.233	Puncture wound without foreign body of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S91.233A	Puncture wound without foreign body of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.233D	Puncture wound without foreign body of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.233S	Puncture wound without foreign body of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.234	Puncture wound without foreign body of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.234A	Puncture wound without foreign body of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.234D	Puncture wound without foreign body of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.234S	Puncture wound without foreign body of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.235	Puncture wound without foreign body of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.235A	Puncture wound without foreign body of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.235D	Puncture wound without foreign body of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.235S	Puncture wound without foreign body of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.236	Puncture wound without foreign body of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.236A	Puncture wound without foreign body of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.236D	Puncture wound without foreign body of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.236S	Puncture wound without foreign body of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.239	Puncture wound without foreign body of unspecified toe(s) with damage to nail	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S91.239A	Puncture wound without foreign body of unspecified toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.239D	Puncture wound without foreign body of unspecified toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.239S	Puncture wound without foreign body of unspecified toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.24	Puncture wound with foreign body of toe with damage to nail	Diagnosis	ICD-10-CM
S91.241	Puncture wound with foreign body of right great toe with damage to nail	Diagnosis	ICD-10-CM
S91.241A	Puncture wound with foreign body of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.241D	Puncture wound with foreign body of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.241S	Puncture wound with foreign body of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.242	Puncture wound with foreign body of left great toe with damage to nail	Diagnosis	ICD-10-CM
S91.242A	Puncture wound with foreign body of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.242D	Puncture wound with foreign body of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.242S	Puncture wound with foreign body of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.243	Puncture wound with foreign body of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S91.243A	Puncture wound with foreign body of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.243D	Puncture wound with foreign body of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.243S	Puncture wound with foreign body of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.244	Puncture wound with foreign body of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.244A	Puncture wound with foreign body of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.244D	Puncture wound with foreign body of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.244S	Puncture wound with foreign body of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.245	Puncture wound with foreign body of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.245A	Puncture wound with foreign body of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.245D	Puncture wound with foreign body of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.245S	Puncture wound with foreign body of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.246	Puncture wound with foreign body of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.246A	Puncture wound with foreign body of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.246D	Puncture wound with foreign body of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.246S	Puncture wound with foreign body of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.249	Puncture wound with foreign body of unspecified toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.249A	Puncture wound with foreign body of unspecified toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.249D	Puncture wound with foreign body of unspecified toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.249S	Puncture wound with foreign body of unspecified toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.25	Open bite of toe with damage to nail	Diagnosis	ICD-10-CM
S91.251	Open bite of right great toe with damage to nail	Diagnosis	ICD-10-CM
S91.251A	Open bite of right great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.251D	Open bite of right great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.251S	Open bite of right great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.252	Open bite of left great toe with damage to nail	Diagnosis	ICD-10-CM
S91.252A	Open bite of left great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.252D	Open bite of left great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.252S	Open bite of left great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.253	Open bite of unspecified great toe with damage to nail	Diagnosis	ICD-10-CM
S91.253A	Open bite of unspecified great toe with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.253D	Open bite of unspecified great toe with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.253S	Open bite of unspecified great toe with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.254	Open bite of right lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.254A	Open bite of right lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.254D	Open bite of right lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.254S	Open bite of right lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.255	Open bite of left lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.255A	Open bite of left lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.255D	Open bite of left lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.255S	Open bite of left lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.256	Open bite of unspecified lesser toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.256A	Open bite of unspecified lesser toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.256D	Open bite of unspecified lesser toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.256S	Open bite of unspecified lesser toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.259	Open bite of unspecified toe(s) with damage to nail	Diagnosis	ICD-10-CM
S91.259A	Open bite of unspecified toe(s) with damage to nail, initial encounter	Diagnosis	ICD-10-CM
S91.259D	Open bite of unspecified toe(s) with damage to nail, subsequent encounter	Diagnosis	ICD-10-CM
S91.259S	Open bite of unspecified toe(s) with damage to nail, sequela	Diagnosis	ICD-10-CM
S91.3	Open wound of foot	Diagnosis	ICD-10-CM
S91.30	Unspecified open wound of foot	Diagnosis	ICD-10-CM
S91.301	Unspecified open wound, right foot	Diagnosis	ICD-10-CM
S91.301A	Unspecified open wound, right foot, initial encounter	Diagnosis	ICD-10-CM
S91.301D	Unspecified open wound, right foot, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.301S	Unspecified open wound, right foot, sequela	Diagnosis	ICD-10-CM
S91.302	Unspecified open wound, left foot	Diagnosis	ICD-10-CM
S91.302A	Unspecified open wound, left foot, initial encounter	Diagnosis	ICD-10-CM
S91.302D	Unspecified open wound, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.302S	Unspecified open wound, left foot, sequela	Diagnosis	ICD-10-CM
S91.309	Unspecified open wound, unspecified foot	Diagnosis	ICD-10-CM
S91.309A	Unspecified open wound, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S91.309D	Unspecified open wound, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.309S	Unspecified open wound, unspecified foot, sequela	Diagnosis	ICD-10-CM
S91.31	Laceration without foreign body of foot	Diagnosis	ICD-10-CM
S91.311	Laceration without foreign body, right foot	Diagnosis	ICD-10-CM
S91.311A	Laceration without foreign body, right foot, initial encounter	Diagnosis	ICD-10-CM
S91.311D	Laceration without foreign body, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.311S	Laceration without foreign body, right foot, sequela	Diagnosis	ICD-10-CM
S91.312	Laceration without foreign body, left foot	Diagnosis	ICD-10-CM
S91.312A	Laceration without foreign body, left foot, initial encounter	Diagnosis	ICD-10-CM
S91.312D	Laceration without foreign body, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.312S	Laceration without foreign body, left foot, sequela	Diagnosis	ICD-10-CM
S91.319	Laceration without foreign body, unspecified foot	Diagnosis	ICD-10-CM
S91.319A	Laceration without foreign body, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S91.319D	Laceration without foreign body, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.319S	Laceration without foreign body, unspecified foot, sequela	Diagnosis	ICD-10-CM
S91.32	Laceration with foreign body of foot	Diagnosis	ICD-10-CM
S91.321	Laceration with foreign body, right foot	Diagnosis	ICD-10-CM
S91.321A	Laceration with foreign body, right foot, initial encounter	Diagnosis	ICD-10-CM
S91.321D	Laceration with foreign body, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.321S	Laceration with foreign body, right foot, sequela	Diagnosis	ICD-10-CM
S91.322	Laceration with foreign body, left foot	Diagnosis	ICD-10-CM
S91.322A	Laceration with foreign body, left foot, initial encounter	Diagnosis	ICD-10-CM
S91.322D	Laceration with foreign body, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.322S	Laceration with foreign body, left foot, sequela	Diagnosis	ICD-10-CM
S91.329	Laceration with foreign body, unspecified foot	Diagnosis	ICD-10-CM
S91.329A	Laceration with foreign body, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S91.329D	Laceration with foreign body, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.329S	Laceration with foreign body, unspecified foot, sequela	Diagnosis	ICD-10-CM
S91.33	Puncture wound without foreign body of foot	Diagnosis	ICD-10-CM
S91.331	Puncture wound without foreign body, right foot	Diagnosis	ICD-10-CM
S91.331A	Puncture wound without foreign body, right foot, initial encounter	Diagnosis	ICD-10-CM
S91.331D	Puncture wound without foreign body, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.331S	Puncture wound without foreign body, right foot, sequela	Diagnosis	ICD-10-CM
S91.332	Puncture wound without foreign body, left foot	Diagnosis	ICD-10-CM
S91.332A	Puncture wound without foreign body, left foot, initial encounter	Diagnosis	ICD-10-CM
S91.332D	Puncture wound without foreign body, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.332S	Puncture wound without foreign body, left foot, sequela	Diagnosis	ICD-10-CM
S91.339	Puncture wound without foreign body, unspecified foot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S91.339A	Puncture wound without foreign body, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S91.339D	Puncture wound without foreign body, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.339S	Puncture wound without foreign body, unspecified foot, sequela	Diagnosis	ICD-10-CM
S91.34	Puncture wound with foreign body of foot	Diagnosis	ICD-10-CM
S91.341	Puncture wound with foreign body, right foot	Diagnosis	ICD-10-CM
S91.341A	Puncture wound with foreign body, right foot, initial encounter	Diagnosis	ICD-10-CM
S91.341D	Puncture wound with foreign body, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.341S	Puncture wound with foreign body, right foot, sequela	Diagnosis	ICD-10-CM
S91.342	Puncture wound with foreign body, left foot	Diagnosis	ICD-10-CM
S91.342A	Puncture wound with foreign body, left foot, initial encounter	Diagnosis	ICD-10-CM
S91.342D	Puncture wound with foreign body, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.342S	Puncture wound with foreign body, left foot, sequela	Diagnosis	ICD-10-CM
S91.349	Puncture wound with foreign body, unspecified foot	Diagnosis	ICD-10-CM
S91.349A	Puncture wound with foreign body, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S91.349D	Puncture wound with foreign body, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.349S	Puncture wound with foreign body, unspecified foot, sequela	Diagnosis	ICD-10-CM
S91.35	Open bite of foot	Diagnosis	ICD-10-CM
S91.351	Open bite, right foot	Diagnosis	ICD-10-CM
S91.351A	Open bite, right foot, initial encounter	Diagnosis	ICD-10-CM
S91.351D	Open bite, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.351S	Open bite, right foot, sequela	Diagnosis	ICD-10-CM
S91.352	Open bite, left foot	Diagnosis	ICD-10-CM
S91.352A	Open bite, left foot, initial encounter	Diagnosis	ICD-10-CM
S91.352D	Open bite, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.352S	Open bite, left foot, sequela	Diagnosis	ICD-10-CM
S91.359	Open bite, unspecified foot	Diagnosis	ICD-10-CM
S91.359A	Open bite, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S91.359D	Open bite, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S91.359S	Open bite, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92	Fracture of foot and toe, except ankle	Diagnosis	ICD-10-CM
S92.0	Fracture of calcaneus	Diagnosis	ICD-10-CM
S92.00	Unspecified fracture of calcaneus	Diagnosis	ICD-10-CM
S92.001	Unspecified fracture of right calcaneus	Diagnosis	ICD-10-CM
S92.001A	Unspecified fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.001B	Unspecified fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.001D	Unspecified fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.001G	Unspecified fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.001K	Unspecified fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.001P	Unspecified fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.001S	Unspecified fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.002	Unspecified fracture of left calcaneus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.002A	Unspecified fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.002B	Unspecified fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.002D	Unspecified fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.002G	Unspecified fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.002K	Unspecified fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.002P	Unspecified fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.002S	Unspecified fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.009	Unspecified fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.009A	Unspecified fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.009B	Unspecified fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.009D	Unspecified fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.009G	Unspecified fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.009K	Unspecified fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.009P	Unspecified fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.009S	Unspecified fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.01	Fracture of body of calcaneus	Diagnosis	ICD-10-CM
S92.011	Displaced fracture of body of right calcaneus	Diagnosis	ICD-10-CM
S92.011A	Displaced fracture of body of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.011B	Displaced fracture of body of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.011D	Displaced fracture of body of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.011G	Displaced fracture of body of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.011K	Displaced fracture of body of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.011P	Displaced fracture of body of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.011S	Displaced fracture of body of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.012	Displaced fracture of body of left calcaneus	Diagnosis	ICD-10-CM
S92.012A	Displaced fracture of body of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.012B	Displaced fracture of body of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.012D	Displaced fracture of body of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.012G	Displaced fracture of body of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.012K	Displaced fracture of body of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.012P	Displaced fracture of body of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.012S	Displaced fracture of body of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.013	Displaced fracture of body of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.013A	Displaced fracture of body of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.013B	Displaced fracture of body of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.013D	Displaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.013G	Displaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.013K	Displaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.013P	Displaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.013S	Displaced fracture of body of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.014	Nondisplaced fracture of body of right calcaneus	Diagnosis	ICD-10-CM
S92.014A	Nondisplaced fracture of body of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.014B	Nondisplaced fracture of body of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.014D	Nondisplaced fracture of body of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.014G	Nondisplaced fracture of body of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.014K	Nondisplaced fracture of body of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.014P	Nondisplaced fracture of body of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.014S	Nondisplaced fracture of body of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.015	Nondisplaced fracture of body of left calcaneus	Diagnosis	ICD-10-CM
S92.015A	Nondisplaced fracture of body of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.015B	Nondisplaced fracture of body of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.015D	Nondisplaced fracture of body of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.015G	Nondisplaced fracture of body of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.015K	Nondisplaced fracture of body of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.015P	Nondisplaced fracture of body of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.015S	Nondisplaced fracture of body of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.016	Nondisplaced fracture of body of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.016A	Nondisplaced fracture of body of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.016B	Nondisplaced fracture of body of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.016D	Nondisplaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.016G	Nondisplaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.016K	Nondisplaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.016P	Nondisplaced fracture of body of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.016S	Nondisplaced fracture of body of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.02	Fracture of anterior process of calcaneus	Diagnosis	ICD-10-CM
S92.021	Displaced fracture of anterior process of right calcaneus	Diagnosis	ICD-10-CM
S92.021A	Displaced fracture of anterior process of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.021B	Displaced fracture of anterior process of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.021D	Displaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.021G	Displaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.021K	Displaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.021P	Displaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.021S	Displaced fracture of anterior process of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.022	Displaced fracture of anterior process of left calcaneus	Diagnosis	ICD-10-CM
S92.022A	Displaced fracture of anterior process of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.022B	Displaced fracture of anterior process of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.022D	Displaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.022G	Displaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.022K	Displaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.022P	Displaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.022S	Displaced fracture of anterior process of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.023	Displaced fracture of anterior process of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.023A	Displaced fracture of anterior process of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.023B	Displaced fracture of anterior process of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.023D	Displaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.023G	Displaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.023K	Displaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.023P	Displaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.023S	Displaced fracture of anterior process of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.024	Nondisplaced fracture of anterior process of right calcaneus	Diagnosis	ICD-10-CM
S92.024A	Nondisplaced fracture of anterior process of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.024B	Nondisplaced fracture of anterior process of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.024D	Nondisplaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.024G	Nondisplaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.024K	Nondisplaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.024P	Nondisplaced fracture of anterior process of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.024S	Nondisplaced fracture of anterior process of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.025	Nondisplaced fracture of anterior process of left calcaneus	Diagnosis	ICD-10-CM
S92.025A	Nondisplaced fracture of anterior process of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.025B	Nondisplaced fracture of anterior process of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.025D	Nondisplaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.025G	Nondisplaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.025K	Nondisplaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.025P	Nondisplaced fracture of anterior process of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.025S	Nondisplaced fracture of anterior process of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.026	Nondisplaced fracture of anterior process of unspecified calcaneus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.026A	Nondisplaced fracture of anterior process of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.026B	Nondisplaced fracture of anterior process of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.026D	Nondisplaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.026G	Nondisplaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.026K	Nondisplaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.026P	Nondisplaced fracture of anterior process of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.026S	Nondisplaced fracture of anterior process of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.03	Avulsion fracture of tuberosity of calcaneus	Diagnosis	ICD-10-CM
S92.031	Displaced avulsion fracture of tuberosity of right calcaneus	Diagnosis	ICD-10-CM
S92.031A	Displaced avulsion fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.031B	Displaced avulsion fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.031D	Displaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.031G	Displaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.031K	Displaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.031P	Displaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.031S	Displaced avulsion fracture of tuberosity of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.032	Displaced avulsion fracture of tuberosity of left calcaneus	Diagnosis	ICD-10-CM
S92.032A	Displaced avulsion fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.032B	Displaced avulsion fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.032D	Displaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.032G	Displaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.032K	Displaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.032P	Displaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.032S	Displaced avulsion fracture of tuberosity of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.033	Displaced avulsion fracture of tuberosity of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.033A	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.033B	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.033D	Displaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.033G	Displaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.033K	Displaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.033P	Displaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.033S	Displaced avulsion fracture of tuberosity of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.034	Nondisplaced avulsion fracture of tuberosity of right calcaneus	Diagnosis	ICD-10-CM
S92.034A	Nondisplaced avulsion fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.034B	Nondisplaced avulsion fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.034D	Nondisplaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.034G	Nondisplaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.034K	Nondisplaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.034P	Nondisplaced avulsion fracture of tuberosity of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.034S	Nondisplaced avulsion fracture of tuberosity of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.035	Nondisplaced avulsion fracture of tuberosity of left calcaneus	Diagnosis	ICD-10-CM
S92.035A	Nondisplaced avulsion fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.035B	Nondisplaced avulsion fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.035D	Nondisplaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.035G	Nondisplaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.035K	Nondisplaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.035P	Nondisplaced avulsion fracture of tuberosity of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.035S	Nondisplaced avulsion fracture of tuberosity of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.036	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.036A	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.036B	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.036D	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.036G	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.036K	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.036P	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.036S	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.04	Other fracture of tuberosity of calcaneus	Diagnosis	ICD-10-CM
S92.041	Displaced other fracture of tuberosity of right calcaneus	Diagnosis	ICD-10-CM
S92.041A	Displaced other fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.041B	Displaced other fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.041D	Displaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.041G	Displaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.041K	Displaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.041P	Displaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.041S	Displaced other fracture of tuberosity of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.042	Displaced other fracture of tuberosity of left calcaneus	Diagnosis	ICD-10-CM
S92.042A	Displaced other fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.042B	Displaced other fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.042D	Displaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.042G	Displaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.042K	Displaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.042P	Displaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.042S	Displaced other fracture of tuberosity of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.043	Displaced other fracture of tuberosity of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.043A	Displaced other fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.043B	Displaced other fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.043D	Displaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.043G	Displaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.043K	Displaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.043P	Displaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.043S	Displaced other fracture of tuberosity of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.044	Nondisplaced other fracture of tuberosity of right calcaneus	Diagnosis	ICD-10-CM
S92.044A	Nondisplaced other fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.044B	Nondisplaced other fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.044D	Nondisplaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.044G	Nondisplaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.044K	Nondisplaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.044P	Nondisplaced other fracture of tuberosity of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.044S	Nondisplaced other fracture of tuberosity of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.045	Nondisplaced other fracture of tuberosity of left calcaneus	Diagnosis	ICD-10-CM
S92.045A	Nondisplaced other fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.045B	Nondisplaced other fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.045D	Nondisplaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.045G	Nondisplaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.045K	Nondisplaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.045P	Nondisplaced other fracture of tuberosity of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.045S	Nondisplaced other fracture of tuberosity of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.046	Nondisplaced other fracture of tuberosity of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.046A	Nondisplaced other fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.046B	Nondisplaced other fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.046D	Nondisplaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.046G	Nondisplaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.046K	Nondisplaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.046P	Nondisplaced other fracture of tuberosity of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.046S	Nondisplaced other fracture of tuberosity of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.05	Other extraarticular fracture of calcaneus	Diagnosis	ICD-10-CM
S92.051	Displaced other extraarticular fracture of right calcaneus	Diagnosis	ICD-10-CM
S92.051A	Displaced other extraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.051B	Displaced other extraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.051D	Displaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.051G	Displaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.051K	Displaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.051P	Displaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.051S	Displaced other extraarticular fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.052	Displaced other extraarticular fracture of left calcaneus	Diagnosis	ICD-10-CM
S92.052A	Displaced other extraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.052B	Displaced other extraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.052D	Displaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.052G	Displaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.052K	Displaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.052P	Displaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.052S	Displaced other extraarticular fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.053	Displaced other extraarticular fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.053A	Displaced other extraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.053B	Displaced other extraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.053D	Displaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.053G	Displaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.053K	Displaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.053P	Displaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.053S	Displaced other extraarticular fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.054	Nondisplaced other extraarticular fracture of right calcaneus	Diagnosis	ICD-10-CM
S92.054A	Nondisplaced other extraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.054B	Nondisplaced other extraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.054D	Nondisplaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.054G	Nondisplaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.054K	Nondisplaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.054P	Nondisplaced other extraarticular fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.054S	Nondisplaced other extraarticular fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.055	Nondisplaced other extraarticular fracture of left calcaneus	Diagnosis	ICD-10-CM
S92.055A	Nondisplaced other extraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.055B	Nondisplaced other extraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.055D	Nondisplaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.055G	Nondisplaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.055K	Nondisplaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.055P	Nondisplaced other extraarticular fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.055S	Nondisplaced other extraarticular fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.056	Nondisplaced other extraarticular fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.056A	Nondisplaced other extraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.056B	Nondisplaced other extraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.056D	Nondisplaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.056G	Nondisplaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.056K	Nondisplaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.056P	Nondisplaced other extraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.056S	Nondisplaced other extraarticular fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.06	Intraarticular fracture of calcaneus	Diagnosis	ICD-10-CM
S92.061	Displaced intraarticular fracture of right calcaneus	Diagnosis	ICD-10-CM
S92.061A	Displaced intraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.061B	Displaced intraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.061D	Displaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.061G	Displaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.061K	Displaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.061P	Displaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.061S	Displaced intraarticular fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.062	Displaced intraarticular fracture of left calcaneus	Diagnosis	ICD-10-CM
S92.062A	Displaced intraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.062B	Displaced intraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.062D	Displaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.062G	Displaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.062K	Displaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.062P	Displaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.062S	Displaced intraarticular fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.063	Displaced intraarticular fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.063A	Displaced intraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.063B	Displaced intraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.063D	Displaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.063G	Displaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.063K	Displaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.063P	Displaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.063S	Displaced intraarticular fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.064	Nondisplaced intraarticular fracture of right calcaneus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.064A	Nondisplaced intraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.064B	Nondisplaced intraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.064D	Nondisplaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.064G	Nondisplaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.064K	Nondisplaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.064P	Nondisplaced intraarticular fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.064S	Nondisplaced intraarticular fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S92.065	Nondisplaced intraarticular fracture of left calcaneus	Diagnosis	ICD-10-CM
S92.065A	Nondisplaced intraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.065B	Nondisplaced intraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.065D	Nondisplaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.065G	Nondisplaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.065K	Nondisplaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.065P	Nondisplaced intraarticular fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.065S	Nondisplaced intraarticular fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S92.066	Nondisplaced intraarticular fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S92.066A	Nondisplaced intraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.066B	Nondisplaced intraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.066D	Nondisplaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.066G	Nondisplaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.066K	Nondisplaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.066P	Nondisplaced intraarticular fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.066S	Nondisplaced intraarticular fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S92.1	Fracture of talus	Diagnosis	ICD-10-CM
S92.10	Unspecified fracture of talus	Diagnosis	ICD-10-CM
S92.101	Unspecified fracture of right talus	Diagnosis	ICD-10-CM
S92.101A	Unspecified fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.101B	Unspecified fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.101D	Unspecified fracture of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.101G	Unspecified fracture of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.101K	Unspecified fracture of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.101P	Unspecified fracture of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.101S	Unspecified fracture of right talus, sequela	Diagnosis	ICD-10-CM
S92.102	Unspecified fracture of left talus	Diagnosis	ICD-10-CM
S92.102A	Unspecified fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.102B	Unspecified fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.102D	Unspecified fracture of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.102G	Unspecified fracture of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.102K	Unspecified fracture of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.102P	Unspecified fracture of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.102S	Unspecified fracture of left talus, sequela	Diagnosis	ICD-10-CM
S92.109	Unspecified fracture of unspecified talus	Diagnosis	ICD-10-CM
S92.109A	Unspecified fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.109B	Unspecified fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.109D	Unspecified fracture of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.109G	Unspecified fracture of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.109K	Unspecified fracture of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.109P	Unspecified fracture of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.109S	Unspecified fracture of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.11	Fracture of neck of talus	Diagnosis	ICD-10-CM
S92.111	Displaced fracture of neck of right talus	Diagnosis	ICD-10-CM
S92.111A	Displaced fracture of neck of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.111B	Displaced fracture of neck of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.111D	Displaced fracture of neck of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.111G	Displaced fracture of neck of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.111K	Displaced fracture of neck of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.111P	Displaced fracture of neck of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.111S	Displaced fracture of neck of right talus, sequela	Diagnosis	ICD-10-CM
S92.112	Displaced fracture of neck of left talus	Diagnosis	ICD-10-CM
S92.112A	Displaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.112B	Displaced fracture of neck of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.112D	Displaced fracture of neck of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.112G	Displaced fracture of neck of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.112K	Displaced fracture of neck of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.112P	Displaced fracture of neck of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.112S	Displaced fracture of neck of left talus, sequela	Diagnosis	ICD-10-CM
S92.113	Displaced fracture of neck of unspecified talus	Diagnosis	ICD-10-CM
S92.113A	Displaced fracture of neck of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.113B	Displaced fracture of neck of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.113D	Displaced fracture of neck of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.113G	Displaced fracture of neck of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.113K	Displaced fracture of neck of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.113P	Displaced fracture of neck of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.113S	Displaced fracture of neck of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.114	Nondisplaced fracture of neck of right talus	Diagnosis	ICD-10-CM
S92.114A	Nondisplaced fracture of neck of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.114B	Nondisplaced fracture of neck of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.114D	Nondisplaced fracture of neck of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.114G	Nondisplaced fracture of neck of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.114K	Nondisplaced fracture of neck of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.114P	Nondisplaced fracture of neck of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.114S	Nondisplaced fracture of neck of right talus, sequela	Diagnosis	ICD-10-CM
S92.115	Nondisplaced fracture of neck of left talus	Diagnosis	ICD-10-CM
S92.115A	Nondisplaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.115B	Nondisplaced fracture of neck of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.115D	Nondisplaced fracture of neck of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.115G	Nondisplaced fracture of neck of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.115K	Nondisplaced fracture of neck of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.115P	Nondisplaced fracture of neck of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.115S	Nondisplaced fracture of neck of left talus, sequela	Diagnosis	ICD-10-CM
S92.116	Nondisplaced fracture of neck of unspecified talus	Diagnosis	ICD-10-CM
S92.116A	Nondisplaced fracture of neck of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.116B	Nondisplaced fracture of neck of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.116D	Nondisplaced fracture of neck of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.116G	Nondisplaced fracture of neck of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.116K	Nondisplaced fracture of neck of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.116P	Nondisplaced fracture of neck of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.116S	Nondisplaced fracture of neck of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.12	Fracture of body of talus	Diagnosis	ICD-10-CM
S92.121	Displaced fracture of body of right talus	Diagnosis	ICD-10-CM
S92.121A	Displaced fracture of body of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.121B	Displaced fracture of body of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.121D	Displaced fracture of body of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.121G	Displaced fracture of body of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.121K	Displaced fracture of body of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.121P	Displaced fracture of body of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.121S	Displaced fracture of body of right talus, sequela	Diagnosis	ICD-10-CM
S92.122	Displaced fracture of body of left talus	Diagnosis	ICD-10-CM
S92.122A	Displaced fracture of body of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.122B	Displaced fracture of body of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.122D	Displaced fracture of body of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.122G	Displaced fracture of body of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.122K	Displaced fracture of body of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.122P	Displaced fracture of body of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.122S	Displaced fracture of body of left talus, sequela	Diagnosis	ICD-10-CM
S92.123	Displaced fracture of body of unspecified talus	Diagnosis	ICD-10-CM
S92.123A	Displaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.123B	Displaced fracture of body of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.123D	Displaced fracture of body of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.123G	Displaced fracture of body of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.123K	Displaced fracture of body of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.123P	Displaced fracture of body of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.123S	Displaced fracture of body of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.124	Nondisplaced fracture of body of right talus	Diagnosis	ICD-10-CM
S92.124A	Nondisplaced fracture of body of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.124B	Nondisplaced fracture of body of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.124D	Nondisplaced fracture of body of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.124G	Nondisplaced fracture of body of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.124K	Nondisplaced fracture of body of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.124P	Nondisplaced fracture of body of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.124S	Nondisplaced fracture of body of right talus, sequela	Diagnosis	ICD-10-CM
S92.125	Nondisplaced fracture of body of left talus	Diagnosis	ICD-10-CM
S92.125A	Nondisplaced fracture of body of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.125B	Nondisplaced fracture of body of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.125D	Nondisplaced fracture of body of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.125G	Nondisplaced fracture of body of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.125K	Nondisplaced fracture of body of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.125P	Nondisplaced fracture of body of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.125S	Nondisplaced fracture of body of left talus, sequela	Diagnosis	ICD-10-CM
S92.126	Nondisplaced fracture of body of unspecified talus	Diagnosis	ICD-10-CM
S92.126A	Nondisplaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.126B	Nondisplaced fracture of body of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.126D	Nondisplaced fracture of body of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.126G	Nondisplaced fracture of body of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.126K	Nondisplaced fracture of body of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.126P	Nondisplaced fracture of body of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.126S	Nondisplaced fracture of body of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.13	Fracture of posterior process of talus	Diagnosis	ICD-10-CM
S92.131	Displaced fracture of posterior process of right talus	Diagnosis	ICD-10-CM
S92.131A	Displaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.131B	Displaced fracture of posterior process of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.131D	Displaced fracture of posterior process of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.131G	Displaced fracture of posterior process of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.131K	Displaced fracture of posterior process of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.131P	Displaced fracture of posterior process of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.131S	Displaced fracture of posterior process of right talus, sequela	Diagnosis	ICD-10-CM
S92.132	Displaced fracture of posterior process of left talus	Diagnosis	ICD-10-CM
S92.132A	Displaced fracture of posterior process of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.132B	Displaced fracture of posterior process of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.132D	Displaced fracture of posterior process of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.132G	Displaced fracture of posterior process of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.132K	Displaced fracture of posterior process of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.132P	Displaced fracture of posterior process of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.132S	Displaced fracture of posterior process of left talus, sequela	Diagnosis	ICD-10-CM
S92.133	Displaced fracture of posterior process of unspecified talus	Diagnosis	ICD-10-CM
S92.133A	Displaced fracture of posterior process of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.133B	Displaced fracture of posterior process of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.133D	Displaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.133G	Displaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.133K	Displaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.133P	Displaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.133S	Displaced fracture of posterior process of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.134	Nondisplaced fracture of posterior process of right talus	Diagnosis	ICD-10-CM
S92.134A	Nondisplaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.134B	Nondisplaced fracture of posterior process of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.134D	Nondisplaced fracture of posterior process of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.134G	Nondisplaced fracture of posterior process of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.134K	Nondisplaced fracture of posterior process of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.134P	Nondisplaced fracture of posterior process of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.134S	Nondisplaced fracture of posterior process of right talus, sequela	Diagnosis	ICD-10-CM
S92.135	Nondisplaced fracture of posterior process of left talus	Diagnosis	ICD-10-CM
S92.135A	Nondisplaced fracture of posterior process of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.135B	Nondisplaced fracture of posterior process of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.135D	Nondisplaced fracture of posterior process of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.135G	Nondisplaced fracture of posterior process of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.135K	Nondisplaced fracture of posterior process of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.135P	Nondisplaced fracture of posterior process of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.135S	Nondisplaced fracture of posterior process of left talus, sequela	Diagnosis	ICD-10-CM
S92.136	Nondisplaced fracture of posterior process of unspecified talus	Diagnosis	ICD-10-CM
S92.136A	Nondisplaced fracture of posterior process of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.136B	Nondisplaced fracture of posterior process of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.136D	Nondisplaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.136G	Nondisplaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.136K	Nondisplaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.136P	Nondisplaced fracture of posterior process of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.136S	Nondisplaced fracture of posterior process of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.14	Dome fracture of talus	Diagnosis	ICD-10-CM
S92.141	Displaced dome fracture of right talus	Diagnosis	ICD-10-CM
S92.141A	Displaced dome fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.141B	Displaced dome fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.141D	Displaced dome fracture of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.141G	Displaced dome fracture of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.141K	Displaced dome fracture of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.141P	Displaced dome fracture of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.141S	Displaced dome fracture of right talus, sequela	Diagnosis	ICD-10-CM
S92.142	Displaced dome fracture of left talus	Diagnosis	ICD-10-CM
S92.142A	Displaced dome fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.142B	Displaced dome fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.142D	Displaced dome fracture of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.142G	Displaced dome fracture of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.142K	Displaced dome fracture of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.142P	Displaced dome fracture of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.142S	Displaced dome fracture of left talus, sequela	Diagnosis	ICD-10-CM
S92.143	Displaced dome fracture of unspecified talus	Diagnosis	ICD-10-CM
S92.143A	Displaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.143B	Displaced dome fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.143D	Displaced dome fracture of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.143G	Displaced dome fracture of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.143K	Displaced dome fracture of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.143P	Displaced dome fracture of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.143S	Displaced dome fracture of unspecified talus, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.144	Nondisplaced dome fracture of right talus	Diagnosis	ICD-10-CM
S92.144A	Nondisplaced dome fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.144B	Nondisplaced dome fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.144D	Nondisplaced dome fracture of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.144G	Nondisplaced dome fracture of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.144K	Nondisplaced dome fracture of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.144P	Nondisplaced dome fracture of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.144S	Nondisplaced dome fracture of right talus, sequela	Diagnosis	ICD-10-CM
S92.145	Nondisplaced dome fracture of left talus	Diagnosis	ICD-10-CM
S92.145A	Nondisplaced dome fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.145B	Nondisplaced dome fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.145D	Nondisplaced dome fracture of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.145G	Nondisplaced dome fracture of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.145K	Nondisplaced dome fracture of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.145P	Nondisplaced dome fracture of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.145S	Nondisplaced dome fracture of left talus, sequela	Diagnosis	ICD-10-CM
S92.146	Nondisplaced dome fracture of unspecified talus	Diagnosis	ICD-10-CM
S92.146A	Nondisplaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.146B	Nondisplaced dome fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.146D	Nondisplaced dome fracture of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.146G	Nondisplaced dome fracture of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.146K	Nondisplaced dome fracture of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.146P	Nondisplaced dome fracture of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.146S	Nondisplaced dome fracture of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.15	Avulsion fracture (chip fracture) of talus	Diagnosis	ICD-10-CM
S92.151	Displaced avulsion fracture (chip fracture) of right talus	Diagnosis	ICD-10-CM
S92.151A	Displaced avulsion fracture (chip fracture) of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.151B	Displaced avulsion fracture (chip fracture) of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.151D	Displaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.151G	Displaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.151K	Displaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.151P	Displaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.151S	Displaced avulsion fracture (chip fracture) of right talus, sequela	Diagnosis	ICD-10-CM
S92.152	Displaced avulsion fracture (chip fracture) of left talus	Diagnosis	ICD-10-CM
S92.152A	Displaced avulsion fracture (chip fracture) of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.152B	Displaced avulsion fracture (chip fracture) of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.152D	Displaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.152G	Displaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.152K	Displaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.152P	Displaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.152S	Displaced avulsion fracture (chip fracture) of left talus, sequela	Diagnosis	ICD-10-CM
S92.153	Displaced avulsion fracture (chip fracture) of unspecified talus	Diagnosis	ICD-10-CM
S92.153A	Displaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.153B	Displaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.153D	Displaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.153G	Displaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.153K	Displaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.153P	Displaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.153S	Displaced avulsion fracture (chip fracture) of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.154	Nondisplaced avulsion fracture (chip fracture) of right talus	Diagnosis	ICD-10-CM
S92.154A	Nondisplaced avulsion fracture (chip fracture) of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.154B	Nondisplaced avulsion fracture (chip fracture) of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.154D	Nondisplaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.154G	Nondisplaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.154K	Nondisplaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.154P	Nondisplaced avulsion fracture (chip fracture) of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.154S	Nondisplaced avulsion fracture (chip fracture) of right talus, sequela	Diagnosis	ICD-10-CM
S92.155	Nondisplaced avulsion fracture (chip fracture) of left talus	Diagnosis	ICD-10-CM
S92.155A	Nondisplaced avulsion fracture (chip fracture) of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.155B	Nondisplaced avulsion fracture (chip fracture) of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.155D	Nondisplaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.155G	Nondisplaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.155K	Nondisplaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.155P	Nondisplaced avulsion fracture (chip fracture) of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.155S	Nondisplaced avulsion fracture (chip fracture) of left talus, sequela	Diagnosis	ICD-10-CM
S92.156	Nondisplaced avulsion fracture (chip fracture) of unspecified talus	Diagnosis	ICD-10-CM
S92.156A	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.156B	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.156D	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.156G	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.156K	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.156P	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.156S	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.19	Other fracture of talus	Diagnosis	ICD-10-CM
S92.191	Other fracture of right talus	Diagnosis	ICD-10-CM
S92.191A	Other fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.191B	Other fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.191D	Other fracture of right talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.191G	Other fracture of right talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.191K	Other fracture of right talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.191P	Other fracture of right talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.191S	Other fracture of right talus, sequela	Diagnosis	ICD-10-CM
S92.192	Other fracture of left talus	Diagnosis	ICD-10-CM
S92.192A	Other fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.192B	Other fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.192D	Other fracture of left talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.192G	Other fracture of left talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.192K	Other fracture of left talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.192P	Other fracture of left talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.192S	Other fracture of left talus, sequela	Diagnosis	ICD-10-CM
S92.199	Other fracture of unspecified talus	Diagnosis	ICD-10-CM
S92.199A	Other fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.199B	Other fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.199D	Other fracture of unspecified talus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.199G	Other fracture of unspecified talus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.199K	Other fracture of unspecified talus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.199P	Other fracture of unspecified talus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.199S	Other fracture of unspecified talus, sequela	Diagnosis	ICD-10-CM
S92.2	Fracture of other and unspecified tarsal bone(s)	Diagnosis	ICD-10-CM
S92.20	Fracture of unspecified tarsal bone(s)	Diagnosis	ICD-10-CM
S92.201	Fracture of unspecified tarsal bone(s) of right foot	Diagnosis	ICD-10-CM
S92.201A	Fracture of unspecified tarsal bone(s) of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.201B	Fracture of unspecified tarsal bone(s) of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.201D	Fracture of unspecified tarsal bone(s) of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.201G	Fracture of unspecified tarsal bone(s) of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.201K	Fracture of unspecified tarsal bone(s) of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.201P	Fracture of unspecified tarsal bone(s) of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.201S	Fracture of unspecified tarsal bone(s) of right foot, sequela	Diagnosis	ICD-10-CM
S92.202	Fracture of unspecified tarsal bone(s) of left foot	Diagnosis	ICD-10-CM
S92.202A	Fracture of unspecified tarsal bone(s) of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.202B	Fracture of unspecified tarsal bone(s) of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.202D	Fracture of unspecified tarsal bone(s) of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.202G	Fracture of unspecified tarsal bone(s) of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.202K	Fracture of unspecified tarsal bone(s) of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.202P	Fracture of unspecified tarsal bone(s) of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.202S	Fracture of unspecified tarsal bone(s) of left foot, sequela	Diagnosis	ICD-10-CM
S92.209	Fracture of unspecified tarsal bone(s) of unspecified foot	Diagnosis	ICD-10-CM
S92.209A	Fracture of unspecified tarsal bone(s) of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.209B	Fracture of unspecified tarsal bone(s) of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.209D	Fracture of unspecified tarsal bone(s) of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.209G	Fracture of unspecified tarsal bone(s) of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.209K	Fracture of unspecified tarsal bone(s) of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.209P	Fracture of unspecified tarsal bone(s) of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.209S	Fracture of unspecified tarsal bone(s) of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.21	Fracture of cuboid bone	Diagnosis	ICD-10-CM
S92.211	Displaced fracture of cuboid bone of right foot	Diagnosis	ICD-10-CM
S92.211A	Displaced fracture of cuboid bone of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.211B	Displaced fracture of cuboid bone of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.211D	Displaced fracture of cuboid bone of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.211G	Displaced fracture of cuboid bone of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.211K	Displaced fracture of cuboid bone of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.211P	Displaced fracture of cuboid bone of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.211S	Displaced fracture of cuboid bone of right foot, sequela	Diagnosis	ICD-10-CM
S92.212	Displaced fracture of cuboid bone of left foot	Diagnosis	ICD-10-CM
S92.212A	Displaced fracture of cuboid bone of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.212B	Displaced fracture of cuboid bone of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.212D	Displaced fracture of cuboid bone of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.212G	Displaced fracture of cuboid bone of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.212K	Displaced fracture of cuboid bone of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.212P	Displaced fracture of cuboid bone of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.212S	Displaced fracture of cuboid bone of left foot, sequela	Diagnosis	ICD-10-CM
S92.213	Displaced fracture of cuboid bone of unspecified foot	Diagnosis	ICD-10-CM
S92.213A	Displaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.213B	Displaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.213D	Displaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.213G	Displaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.213K	Displaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.213P	Displaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.213S	Displaced fracture of cuboid bone of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.214	Nondisplaced fracture of cuboid bone of right foot	Diagnosis	ICD-10-CM
S92.214A	Nondisplaced fracture of cuboid bone of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.214B	Nondisplaced fracture of cuboid bone of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.214D	Nondisplaced fracture of cuboid bone of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.214G	Nondisplaced fracture of cuboid bone of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.214K	Nondisplaced fracture of cuboid bone of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.214P	Nondisplaced fracture of cuboid bone of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.214S	Nondisplaced fracture of cuboid bone of right foot, sequela	Diagnosis	ICD-10-CM
S92.215	Nondisplaced fracture of cuboid bone of left foot	Diagnosis	ICD-10-CM
S92.215A	Nondisplaced fracture of cuboid bone of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.215B	Nondisplaced fracture of cuboid bone of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.215D	Nondisplaced fracture of cuboid bone of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.215G	Nondisplaced fracture of cuboid bone of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.215K	Nondisplaced fracture of cuboid bone of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.215P	Nondisplaced fracture of cuboid bone of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.215S	Nondisplaced fracture of cuboid bone of left foot, sequela	Diagnosis	ICD-10-CM
S92.216	Nondisplaced fracture of cuboid bone of unspecified foot	Diagnosis	ICD-10-CM
S92.216A	Nondisplaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.216B	Nondisplaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.216D	Nondisplaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.216G	Nondisplaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.216K	Nondisplaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.216P	Nondisplaced fracture of cuboid bone of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.216S	Nondisplaced fracture of cuboid bone of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.22	Fracture of lateral cuneiform	Diagnosis	ICD-10-CM
S92.221	Displaced fracture of lateral cuneiform of right foot	Diagnosis	ICD-10-CM
S92.221A	Displaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.221B	Displaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.221D	Displaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.221G	Displaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.221K	Displaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.221P	Displaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.221S	Displaced fracture of lateral cuneiform of right foot, sequela	Diagnosis	ICD-10-CM
S92.222	Displaced fracture of lateral cuneiform of left foot	Diagnosis	ICD-10-CM
S92.222A	Displaced fracture of lateral cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.222B	Displaced fracture of lateral cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.222D	Displaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.222G	Displaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.222K	Displaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.222P	Displaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.222S	Displaced fracture of lateral cuneiform of left foot, sequela	Diagnosis	ICD-10-CM
S92.223	Displaced fracture of lateral cuneiform of unspecified foot	Diagnosis	ICD-10-CM
S92.223A	Displaced fracture of lateral cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.223B	Displaced fracture of lateral cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.223D	Displaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.223G	Displaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.223K	Displaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.223P	Displaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.223S	Displaced fracture of lateral cuneiform of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.224	Nondisplaced fracture of lateral cuneiform of right foot	Diagnosis	ICD-10-CM
S92.224A	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.224B	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.224D	Nondisplaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.224G	Nondisplaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.224K	Nondisplaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.224P	Nondisplaced fracture of lateral cuneiform of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.224S	Nondisplaced fracture of lateral cuneiform of right foot, sequela	Diagnosis	ICD-10-CM
S92.225	Nondisplaced fracture of lateral cuneiform of left foot	Diagnosis	ICD-10-CM
S92.225A	Nondisplaced fracture of lateral cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.225B	Nondisplaced fracture of lateral cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.225D	Nondisplaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.225G	Nondisplaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.225K	Nondisplaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.225P	Nondisplaced fracture of lateral cuneiform of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.225S	Nondisplaced fracture of lateral cuneiform of left foot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.226	Nondisplaced fracture of lateral cuneiform of unspecified foot	Diagnosis	ICD-10-CM
S92.226A	Nondisplaced fracture of lateral cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.226B	Nondisplaced fracture of lateral cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.226D	Nondisplaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.226G	Nondisplaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.226K	Nondisplaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.226P	Nondisplaced fracture of lateral cuneiform of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.226S	Nondisplaced fracture of lateral cuneiform of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.23	Fracture of intermediate cuneiform	Diagnosis	ICD-10-CM
S92.231	Displaced fracture of intermediate cuneiform of right foot	Diagnosis	ICD-10-CM
S92.231A	Displaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.231B	Displaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.231D	Displaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.231G	Displaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.231K	Displaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.231P	Displaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.231S	Displaced fracture of intermediate cuneiform of right foot, sequela	Diagnosis	ICD-10-CM
S92.232	Displaced fracture of intermediate cuneiform of left foot	Diagnosis	ICD-10-CM
S92.232A	Displaced fracture of intermediate cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.232B	Displaced fracture of intermediate cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.232D	Displaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.232G	Displaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.232K	Displaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.232P	Displaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.232S	Displaced fracture of intermediate cuneiform of left foot, sequela	Diagnosis	ICD-10-CM
S92.233	Displaced fracture of intermediate cuneiform of unspecified foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.233A	Displaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.233B	Displaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.233D	Displaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.233G	Displaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.233K	Displaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.233P	Displaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.233S	Displaced fracture of intermediate cuneiform of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.234	Nondisplaced fracture of intermediate cuneiform of right foot	Diagnosis	ICD-10-CM
S92.234A	Nondisplaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.234B	Nondisplaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.234D	Nondisplaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.234G	Nondisplaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.234K	Nondisplaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.234P	Nondisplaced fracture of intermediate cuneiform of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.234S	Nondisplaced fracture of intermediate cuneiform of right foot, sequela	Diagnosis	ICD-10-CM
S92.235	Nondisplaced fracture of intermediate cuneiform of left foot	Diagnosis	ICD-10-CM
S92.235A	Nondisplaced fracture of intermediate cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.235B	Nondisplaced fracture of intermediate cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.235D	Nondisplaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.235G	Nondisplaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.235K	Nondisplaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.235P	Nondisplaced fracture of intermediate cuneiform of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.235S	Nondisplaced fracture of intermediate cuneiform of left foot, sequela	Diagnosis	ICD-10-CM
S92.236	Nondisplaced fracture of intermediate cuneiform of unspecified foot	Diagnosis	ICD-10-CM
S92.236A	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.236B	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.236D	Nondisplaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.236G	Nondisplaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.236K	Nondisplaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.236P	Nondisplaced fracture of intermediate cuneiform of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.236S	Nondisplaced fracture of intermediate cuneiform of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.24	Fracture of medial cuneiform	Diagnosis	ICD-10-CM
S92.241	Displaced fracture of medial cuneiform of right foot	Diagnosis	ICD-10-CM
S92.241A	Displaced fracture of medial cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.241B	Displaced fracture of medial cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.241D	Displaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.241G	Displaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.241K	Displaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.241P	Displaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.241S	Displaced fracture of medial cuneiform of right foot, sequela	Diagnosis	ICD-10-CM
S92.242	Displaced fracture of medial cuneiform of left foot	Diagnosis	ICD-10-CM
S92.242A	Displaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.242B	Displaced fracture of medial cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.242D	Displaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.242G	Displaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.242K	Displaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.242P	Displaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.242S	Displaced fracture of medial cuneiform of left foot, sequela	Diagnosis	ICD-10-CM
S92.243	Displaced fracture of medial cuneiform of unspecified foot	Diagnosis	ICD-10-CM
S92.243A	Displaced fracture of medial cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.243B	Displaced fracture of medial cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.243D	Displaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.243G	Displaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.243K	Displaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.243P	Displaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.243S	Displaced fracture of medial cuneiform of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.244	Nondisplaced fracture of medial cuneiform of right foot	Diagnosis	ICD-10-CM
S92.244A	Nondisplaced fracture of medial cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.244B	Nondisplaced fracture of medial cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.244D	Nondisplaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.244G	Nondisplaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.244K	Nondisplaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.244P	Nondisplaced fracture of medial cuneiform of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.244S	Nondisplaced fracture of medial cuneiform of right foot, sequela	Diagnosis	ICD-10-CM
S92.245	Nondisplaced fracture of medial cuneiform of left foot	Diagnosis	ICD-10-CM
S92.245A	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.245B	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.245D	Nondisplaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.245G	Nondisplaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.245K	Nondisplaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.245P	Nondisplaced fracture of medial cuneiform of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.245S	Nondisplaced fracture of medial cuneiform of left foot, sequela	Diagnosis	ICD-10-CM
S92.246	Nondisplaced fracture of medial cuneiform of unspecified foot	Diagnosis	ICD-10-CM
S92.246A	Nondisplaced fracture of medial cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.246B	Nondisplaced fracture of medial cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.246D	Nondisplaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.246G	Nondisplaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.246K	Nondisplaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.246P	Nondisplaced fracture of medial cuneiform of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.246S	Nondisplaced fracture of medial cuneiform of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.25	Fracture of navicular [scaphoid] of foot	Diagnosis	ICD-10-CM
S92.251	Displaced fracture of navicular [scaphoid] of right foot	Diagnosis	ICD-10-CM
S92.251A	Displaced fracture of navicular [scaphoid] of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.251B	Displaced fracture of navicular [scaphoid] of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.251D	Displaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.251G	Displaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.251K	Displaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.251P	Displaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.251S	Displaced fracture of navicular [scaphoid] of right foot, sequela	Diagnosis	ICD-10-CM
S92.252	Displaced fracture of navicular [scaphoid] of left foot	Diagnosis	ICD-10-CM
S92.252A	Displaced fracture of navicular [scaphoid] of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.252B	Displaced fracture of navicular [scaphoid] of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.252D	Displaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.252G	Displaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.252K	Displaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.252P	Displaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.252S	Displaced fracture of navicular [scaphoid] of left foot, sequela	Diagnosis	ICD-10-CM
S92.253	Displaced fracture of navicular [scaphoid] of unspecified foot	Diagnosis	ICD-10-CM
S92.253A	Displaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.253B	Displaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.253D	Displaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.253G	Displaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.253K	Displaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.253P	Displaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.253S	Displaced fracture of navicular [scaphoid] of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.254	Nondisplaced fracture of navicular [scaphoid] of right foot	Diagnosis	ICD-10-CM
S92.254A	Nondisplaced fracture of navicular [scaphoid] of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.254B	Nondisplaced fracture of navicular [scaphoid] of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.254D	Nondisplaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.254G	Nondisplaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.254K	Nondisplaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.254P	Nondisplaced fracture of navicular [scaphoid] of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.254S	Nondisplaced fracture of navicular [scaphoid] of right foot, sequela	Diagnosis	ICD-10-CM
S92.255	Nondisplaced fracture of navicular [scaphoid] of left foot	Diagnosis	ICD-10-CM
S92.255A	Nondisplaced fracture of navicular [scaphoid] of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.255B	Nondisplaced fracture of navicular [scaphoid] of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.255D	Nondisplaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.255G	Nondisplaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.255K	Nondisplaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.255P	Nondisplaced fracture of navicular [scaphoid] of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.255S	Nondisplaced fracture of navicular [scaphoid] of left foot, sequela	Diagnosis	ICD-10-CM
S92.256	Nondisplaced fracture of navicular [scaphoid] of unspecified foot	Diagnosis	ICD-10-CM
S92.256A	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.256B	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.256D	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.256G	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.256K	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.256P	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.256S	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.3	Fracture of metatarsal bone(s)	Diagnosis	ICD-10-CM
S92.30	Fracture of unspecified metatarsal bone(s)	Diagnosis	ICD-10-CM
S92.301	Fracture of unspecified metatarsal bone(s), right foot	Diagnosis	ICD-10-CM
S92.301A	Fracture of unspecified metatarsal bone(s), right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.301B	Fracture of unspecified metatarsal bone(s), right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.301D	Fracture of unspecified metatarsal bone(s), right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.301G	Fracture of unspecified metatarsal bone(s), right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.301K	Fracture of unspecified metatarsal bone(s), right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.301P	Fracture of unspecified metatarsal bone(s), right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.301S	Fracture of unspecified metatarsal bone(s), right foot, sequela	Diagnosis	ICD-10-CM
S92.302	Fracture of unspecified metatarsal bone(s), left foot	Diagnosis	ICD-10-CM
S92.302A	Fracture of unspecified metatarsal bone(s), left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.302B	Fracture of unspecified metatarsal bone(s), left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.302D	Fracture of unspecified metatarsal bone(s), left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.302G	Fracture of unspecified metatarsal bone(s), left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.302K	Fracture of unspecified metatarsal bone(s), left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.302P	Fracture of unspecified metatarsal bone(s), left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.302S	Fracture of unspecified metatarsal bone(s), left foot, sequela	Diagnosis	ICD-10-CM
S92.309	Fracture of unspecified metatarsal bone(s), unspecified foot	Diagnosis	ICD-10-CM
S92.309A	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.309B	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.309D	Fracture of unspecified metatarsal bone(s), unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.309G	Fracture of unspecified metatarsal bone(s), unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.309K	Fracture of unspecified metatarsal bone(s), unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.309P	Fracture of unspecified metatarsal bone(s), unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.309S	Fracture of unspecified metatarsal bone(s), unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.31	Fracture of first metatarsal bone	Diagnosis	ICD-10-CM
S92.311	Displaced fracture of first metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.311A	Displaced fracture of first metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.311B	Displaced fracture of first metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.311D	Displaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.311G	Displaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.311K	Displaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.311P	Displaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.311S	Displaced fracture of first metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.312	Displaced fracture of first metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.312A	Displaced fracture of first metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.312B	Displaced fracture of first metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.312D	Displaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.312G	Displaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.312K	Displaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.312P	Displaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.312S	Displaced fracture of first metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.313	Displaced fracture of first metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.313A	Displaced fracture of first metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.313B	Displaced fracture of first metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.313D	Displaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.313G	Displaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.313K	Displaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.313P	Displaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.313S	Displaced fracture of first metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.314	Nondisplaced fracture of first metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.314A	Nondisplaced fracture of first metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.314B	Nondisplaced fracture of first metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.314D	Nondisplaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.314G	Nondisplaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.314K	Nondisplaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.314P	Nondisplaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.314S	Nondisplaced fracture of first metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.315	Nondisplaced fracture of first metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.315A	Nondisplaced fracture of first metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.315B	Nondisplaced fracture of first metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.315D	Nondisplaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.315G	Nondisplaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.315K	Nondisplaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.315P	Nondisplaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.315S	Nondisplaced fracture of first metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.316	Nondisplaced fracture of first metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.316A	Nondisplaced fracture of first metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.316B	Nondisplaced fracture of first metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.316D	Nondisplaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.316G	Nondisplaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.316K	Nondisplaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.316P	Nondisplaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.316S	Nondisplaced fracture of first metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.32	Fracture of second metatarsal bone	Diagnosis	ICD-10-CM
S92.321	Displaced fracture of second metatarsal bone, right foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.321A	Displaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.321B	Displaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.321D	Displaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.321G	Displaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.321K	Displaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.321P	Displaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.321S	Displaced fracture of second metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.322	Displaced fracture of second metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.322A	Displaced fracture of second metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.322B	Displaced fracture of second metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.322D	Displaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.322G	Displaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.322K	Displaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.322P	Displaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.322S	Displaced fracture of second metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.323	Displaced fracture of second metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.323A	Displaced fracture of second metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.323B	Displaced fracture of second metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.323D	Displaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.323G	Displaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.323K	Displaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.323P	Displaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.323S	Displaced fracture of second metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.324	Nondisplaced fracture of second metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.324A	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.324B	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.324D	Nondisplaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.324G	Nondisplaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.324K	Nondisplaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.324P	Nondisplaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.324S	Nondisplaced fracture of second metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.325	Nondisplaced fracture of second metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.325A	Nondisplaced fracture of second metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.325B	Nondisplaced fracture of second metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.325D	Nondisplaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.325G	Nondisplaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.325K	Nondisplaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.325P	Nondisplaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.325S	Nondisplaced fracture of second metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.326	Nondisplaced fracture of second metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.326A	Nondisplaced fracture of second metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.326B	Nondisplaced fracture of second metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.326D	Nondisplaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.326G	Nondisplaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.326K	Nondisplaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.326P	Nondisplaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.326S	Nondisplaced fracture of second metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.33	Fracture of third metatarsal bone	Diagnosis	ICD-10-CM
S92.331	Displaced fracture of third metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.331A	Displaced fracture of third metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.331B	Displaced fracture of third metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.331D	Displaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.331G	Displaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.331K	Displaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.331P	Displaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.331S	Displaced fracture of third metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.332	Displaced fracture of third metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.332A	Displaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.332B	Displaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.332D	Displaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.332G	Displaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.332K	Displaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.332P	Displaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.332S	Displaced fracture of third metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.333	Displaced fracture of third metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.333A	Displaced fracture of third metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.333B	Displaced fracture of third metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.333D	Displaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.333G	Displaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.333K	Displaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.333P	Displaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.333S	Displaced fracture of third metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.334	Nondisplaced fracture of third metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.334A	Nondisplaced fracture of third metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.334B	Nondisplaced fracture of third metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.334D	Nondisplaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.334G	Nondisplaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.334K	Nondisplaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.334P	Nondisplaced fracture of third metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.334S	Nondisplaced fracture of third metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.335	Nondisplaced fracture of third metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.335A	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.335B	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.335D	Nondisplaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.335G	Nondisplaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.335K	Nondisplaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.335P	Nondisplaced fracture of third metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.335S	Nondisplaced fracture of third metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.336	Nondisplaced fracture of third metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.336A	Nondisplaced fracture of third metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.336B	Nondisplaced fracture of third metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.336D	Nondisplaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.336G	Nondisplaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.336K	Nondisplaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.336P	Nondisplaced fracture of third metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.336S	Nondisplaced fracture of third metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.34	Fracture of fourth metatarsal bone	Diagnosis	ICD-10-CM
S92.341	Displaced fracture of fourth metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.341A	Displaced fracture of fourth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.341B	Displaced fracture of fourth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.341D	Displaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.341G	Displaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.341K	Displaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.341P	Displaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.341S	Displaced fracture of fourth metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.342	Displaced fracture of fourth metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.342A	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.342B	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.342D	Displaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.342G	Displaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.342K	Displaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.342P	Displaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.342S	Displaced fracture of fourth metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.343	Displaced fracture of fourth metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.343A	Displaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.343B	Displaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.343D	Displaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.343G	Displaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.343K	Displaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.343P	Displaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.343S	Displaced fracture of fourth metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.344	Nondisplaced fracture of fourth metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.344A	Nondisplaced fracture of fourth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.344B	Nondisplaced fracture of fourth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.344D	Nondisplaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.344G	Nondisplaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.344K	Nondisplaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.344P	Nondisplaced fracture of fourth metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.344S	Nondisplaced fracture of fourth metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.345	Nondisplaced fracture of fourth metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.345A	Nondisplaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.345B	Nondisplaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.345D	Nondisplaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.345G	Nondisplaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.345K	Nondisplaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.345P	Nondisplaced fracture of fourth metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.345S	Nondisplaced fracture of fourth metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.346	Nondisplaced fracture of fourth metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.346A	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.346B	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.346D	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.346G	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.346K	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.346P	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.346S	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.35	Fracture of fifth metatarsal bone	Diagnosis	ICD-10-CM
S92.351	Displaced fracture of fifth metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.351A	Displaced fracture of fifth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.351B	Displaced fracture of fifth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.351D	Displaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.351G	Displaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.351K	Displaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.351P	Displaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.351S	Displaced fracture of fifth metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.352	Displaced fracture of fifth metatarsal bone, left foot	Diagnosis	ICD-10-CM
S92.352A	Displaced fracture of fifth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.352B	Displaced fracture of fifth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.352D	Displaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.352G	Displaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.352K	Displaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.352P	Displaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.352S	Displaced fracture of fifth metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.353	Displaced fracture of fifth metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.353A	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.353B	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.353D	Displaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.353G	Displaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.353K	Displaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.353P	Displaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.353S	Displaced fracture of fifth metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.354	Nondisplaced fracture of fifth metatarsal bone, right foot	Diagnosis	ICD-10-CM
S92.354A	Nondisplaced fracture of fifth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.354B	Nondisplaced fracture of fifth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.354D	Nondisplaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.354G	Nondisplaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.354K	Nondisplaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.354P	Nondisplaced fracture of fifth metatarsal bone, right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.354S	Nondisplaced fracture of fifth metatarsal bone, right foot, sequela	Diagnosis	ICD-10-CM
S92.355	Nondisplaced fracture of fifth metatarsal bone, left foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.355A	Nondisplaced fracture of fifth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.355B	Nondisplaced fracture of fifth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.355D	Nondisplaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.355G	Nondisplaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.355K	Nondisplaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.355P	Nondisplaced fracture of fifth metatarsal bone, left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.355S	Nondisplaced fracture of fifth metatarsal bone, left foot, sequela	Diagnosis	ICD-10-CM
S92.356	Nondisplaced fracture of fifth metatarsal bone, unspecified foot	Diagnosis	ICD-10-CM
S92.356A	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.356B	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.356D	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.356G	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.356K	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.356P	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.356S	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.4	Fracture of great toe	Diagnosis	ICD-10-CM
S92.40	Unspecified fracture of great toe	Diagnosis	ICD-10-CM
S92.401	Displaced unspecified fracture of right great toe	Diagnosis	ICD-10-CM
S92.401A	Displaced unspecified fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.401B	Displaced unspecified fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.401D	Displaced unspecified fracture of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.401G	Displaced unspecified fracture of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.401K	Displaced unspecified fracture of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.401P	Displaced unspecified fracture of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.401S	Displaced unspecified fracture of right great toe, sequela	Diagnosis	ICD-10-CM
S92.402	Displaced unspecified fracture of left great toe	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.402A	Displaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.402B	Displaced unspecified fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.402D	Displaced unspecified fracture of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.402G	Displaced unspecified fracture of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.402K	Displaced unspecified fracture of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.402P	Displaced unspecified fracture of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.402S	Displaced unspecified fracture of left great toe, sequela	Diagnosis	ICD-10-CM
S92.403	Displaced unspecified fracture of unspecified great toe	Diagnosis	ICD-10-CM
S92.403A	Displaced unspecified fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.403B	Displaced unspecified fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.403D	Displaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.403G	Displaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.403K	Displaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.403P	Displaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.403S	Displaced unspecified fracture of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.404	Nondisplaced unspecified fracture of right great toe	Diagnosis	ICD-10-CM
S92.404A	Nondisplaced unspecified fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.404B	Nondisplaced unspecified fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.404D	Nondisplaced unspecified fracture of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.404G	Nondisplaced unspecified fracture of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.404K	Nondisplaced unspecified fracture of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.404P	Nondisplaced unspecified fracture of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.404S	Nondisplaced unspecified fracture of right great toe, sequela	Diagnosis	ICD-10-CM
S92.405	Nondisplaced unspecified fracture of left great toe	Diagnosis	ICD-10-CM
S92.405A	Nondisplaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.405B	Nondisplaced unspecified fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.405D	Nondisplaced unspecified fracture of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.405G	Nondisplaced unspecified fracture of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.405K	Nondisplaced unspecified fracture of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.405P	Nondisplaced unspecified fracture of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.405S	Nondisplaced unspecified fracture of left great toe, sequela	Diagnosis	ICD-10-CM
S92.406	Nondisplaced unspecified fracture of unspecified great toe	Diagnosis	ICD-10-CM
S92.406A	Nondisplaced unspecified fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.406B	Nondisplaced unspecified fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.406D	Nondisplaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.406G	Nondisplaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.406K	Nondisplaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.406P	Nondisplaced unspecified fracture of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.406S	Nondisplaced unspecified fracture of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.41	Fracture of proximal phalanx of great toe	Diagnosis	ICD-10-CM
S92.411	Displaced fracture of proximal phalanx of right great toe	Diagnosis	ICD-10-CM
S92.411A	Displaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.411B	Displaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.411D	Displaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.411G	Displaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.411K	Displaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.411P	Displaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.411S	Displaced fracture of proximal phalanx of right great toe, sequela	Diagnosis	ICD-10-CM
S92.412	Displaced fracture of proximal phalanx of left great toe	Diagnosis	ICD-10-CM
S92.412A	Displaced fracture of proximal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.412B	Displaced fracture of proximal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.412D	Displaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.412G	Displaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.412K	Displaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.412P	Displaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.412S	Displaced fracture of proximal phalanx of left great toe, sequela	Diagnosis	ICD-10-CM
S92.413	Displaced fracture of proximal phalanx of unspecified great toe	Diagnosis	ICD-10-CM
S92.413A	Displaced fracture of proximal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.413B	Displaced fracture of proximal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.413D	Displaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.413G	Displaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.413K	Displaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.413P	Displaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.413S	Displaced fracture of proximal phalanx of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.414	Nondisplaced fracture of proximal phalanx of right great toe	Diagnosis	ICD-10-CM
S92.414A	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.414B	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.414D	Nondisplaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.414G	Nondisplaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.414K	Nondisplaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.414P	Nondisplaced fracture of proximal phalanx of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.414S	Nondisplaced fracture of proximal phalanx of right great toe, sequela	Diagnosis	ICD-10-CM
S92.415	Nondisplaced fracture of proximal phalanx of left great toe	Diagnosis	ICD-10-CM
S92.415A	Nondisplaced fracture of proximal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.415B	Nondisplaced fracture of proximal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.415D	Nondisplaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.415G	Nondisplaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.415K	Nondisplaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.415P	Nondisplaced fracture of proximal phalanx of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.415S	Nondisplaced fracture of proximal phalanx of left great toe, sequela	Diagnosis	ICD-10-CM
S92.416	Nondisplaced fracture of proximal phalanx of unspecified great toe	Diagnosis	ICD-10-CM
S92.416A	Nondisplaced fracture of proximal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.416B	Nondisplaced fracture of proximal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.416D	Nondisplaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.416G	Nondisplaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.416K	Nondisplaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.416P	Nondisplaced fracture of proximal phalanx of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.416S	Nondisplaced fracture of proximal phalanx of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.42	Fracture of distal phalanx of great toe	Diagnosis	ICD-10-CM
S92.421	Displaced fracture of distal phalanx of right great toe	Diagnosis	ICD-10-CM
S92.421A	Displaced fracture of distal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.421B	Displaced fracture of distal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.421D	Displaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.421G	Displaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.421K	Displaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.421P	Displaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.421S	Displaced fracture of distal phalanx of right great toe, sequela	Diagnosis	ICD-10-CM
S92.422	Displaced fracture of distal phalanx of left great toe	Diagnosis	ICD-10-CM
S92.422A	Displaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.422B	Displaced fracture of distal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.422D	Displaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.422G	Displaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.422K	Displaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.422P	Displaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.422S	Displaced fracture of distal phalanx of left great toe, sequela	Diagnosis	ICD-10-CM
S92.423	Displaced fracture of distal phalanx of unspecified great toe	Diagnosis	ICD-10-CM
S92.423A	Displaced fracture of distal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.423B	Displaced fracture of distal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.423D	Displaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.423G	Displaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.423K	Displaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.423P	Displaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.423S	Displaced fracture of distal phalanx of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.424	Nondisplaced fracture of distal phalanx of right great toe	Diagnosis	ICD-10-CM
S92.424A	Nondisplaced fracture of distal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.424B	Nondisplaced fracture of distal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.424D	Nondisplaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.424G	Nondisplaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.424K	Nondisplaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.424P	Nondisplaced fracture of distal phalanx of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.424S	Nondisplaced fracture of distal phalanx of right great toe, sequela	Diagnosis	ICD-10-CM
S92.425	Nondisplaced fracture of distal phalanx of left great toe	Diagnosis	ICD-10-CM
S92.425A	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.425B	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.425D	Nondisplaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.425G	Nondisplaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.425K	Nondisplaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.425P	Nondisplaced fracture of distal phalanx of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.425S	Nondisplaced fracture of distal phalanx of left great toe, sequela	Diagnosis	ICD-10-CM
S92.426	Nondisplaced fracture of distal phalanx of unspecified great toe	Diagnosis	ICD-10-CM
S92.426A	Nondisplaced fracture of distal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.426B	Nondisplaced fracture of distal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.426D	Nondisplaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.426G	Nondisplaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.426K	Nondisplaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.426P	Nondisplaced fracture of distal phalanx of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.426S	Nondisplaced fracture of distal phalanx of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.49	Other fracture of great toe	Diagnosis	ICD-10-CM
S92.491	Other fracture of right great toe	Diagnosis	ICD-10-CM
S92.491A	Other fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.491B	Other fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.491D	Other fracture of right great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.491G	Other fracture of right great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.491K	Other fracture of right great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.491P	Other fracture of right great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.491S	Other fracture of right great toe, sequela	Diagnosis	ICD-10-CM
S92.492	Other fracture of left great toe	Diagnosis	ICD-10-CM
S92.492A	Other fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.492B	Other fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.492D	Other fracture of left great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.492G	Other fracture of left great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.492K	Other fracture of left great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.492P	Other fracture of left great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.492S	Other fracture of left great toe, sequela	Diagnosis	ICD-10-CM
S92.499	Other fracture of unspecified great toe	Diagnosis	ICD-10-CM
S92.499A	Other fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.499B	Other fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.499D	Other fracture of unspecified great toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.499G	Other fracture of unspecified great toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.499K	Other fracture of unspecified great toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.499P	Other fracture of unspecified great toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.499S	Other fracture of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S92.5	Fracture of lesser toe(s)	Diagnosis	ICD-10-CM
S92.50	Unspecified fracture of lesser toe(s)	Diagnosis	ICD-10-CM
S92.501	Displaced unspecified fracture of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.501A	Displaced unspecified fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.501B	Displaced unspecified fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.501D	Displaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.501G	Displaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.501K	Displaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.501P	Displaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.501S	Displaced unspecified fracture of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.502	Displaced unspecified fracture of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.502A	Displaced unspecified fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.502B	Displaced unspecified fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.502D	Displaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.502G	Displaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.502K	Displaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.502P	Displaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.502S	Displaced unspecified fracture of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.503	Displaced unspecified fracture of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.503A	Displaced unspecified fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.503B	Displaced unspecified fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.503D	Displaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.503G	Displaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.503K	Displaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.503P	Displaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.503S	Displaced unspecified fracture of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.504	Nondisplaced unspecified fracture of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.504A	Nondisplaced unspecified fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.504B	Nondisplaced unspecified fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.504D	Nondisplaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.504G	Nondisplaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.504K	Nondisplaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.504P	Nondisplaced unspecified fracture of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.504S	Nondisplaced unspecified fracture of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.505	Nondisplaced unspecified fracture of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.505A	Nondisplaced unspecified fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.505B	Nondisplaced unspecified fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.505D	Nondisplaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.505G	Nondisplaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.505K	Nondisplaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.505P	Nondisplaced unspecified fracture of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.505S	Nondisplaced unspecified fracture of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.506	Nondisplaced unspecified fracture of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.506A	Nondisplaced unspecified fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.506B	Nondisplaced unspecified fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.506D	Nondisplaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.506G	Nondisplaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.506K	Nondisplaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.506P	Nondisplaced unspecified fracture of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.506S	Nondisplaced unspecified fracture of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.51	Fracture of proximal phalanx of lesser toe(s)	Diagnosis	ICD-10-CM
S92.511	Displaced fracture of proximal phalanx of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.511A	Displaced fracture of proximal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.511B	Displaced fracture of proximal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.511D	Displaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.511G	Displaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.511K	Displaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.511P	Displaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.511S	Displaced fracture of proximal phalanx of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.512	Displaced fracture of proximal phalanx of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.512A	Displaced fracture of proximal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.512B	Displaced fracture of proximal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.512D	Displaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.512G	Displaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.512K	Displaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.512P	Displaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.512S	Displaced fracture of proximal phalanx of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.513	Displaced fracture of proximal phalanx of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.513A	Displaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.513B	Displaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.513D	Displaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.513G	Displaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.513K	Displaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.513P	Displaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.513S	Displaced fracture of proximal phalanx of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.514	Nondisplaced fracture of proximal phalanx of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.514A	Nondisplaced fracture of proximal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.514B	Nondisplaced fracture of proximal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.514D	Nondisplaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.514G	Nondisplaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.514K	Nondisplaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.514P	Nondisplaced fracture of proximal phalanx of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.514S	Nondisplaced fracture of proximal phalanx of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.515	Nondisplaced fracture of proximal phalanx of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.515A	Nondisplaced fracture of proximal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.515B	Nondisplaced fracture of proximal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.515D	Nondisplaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.515G	Nondisplaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.515K	Nondisplaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.515P	Nondisplaced fracture of proximal phalanx of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.515S	Nondisplaced fracture of proximal phalanx of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.516	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.516A	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.516B	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.516D	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.516G	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.516K	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.516P	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.516S	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.52	Fracture of middle phalanx of lesser toe(s)	Diagnosis	ICD-10-CM
S92.521	Displaced fracture of middle phalanx of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.521A	Displaced fracture of middle phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.521B	Displaced fracture of middle phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.521D	Displaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.521G	Displaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.521K	Displaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.521P	Displaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.521S	Displaced fracture of middle phalanx of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.522	Displaced fracture of middle phalanx of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.522A	Displaced fracture of middle phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.522B	Displaced fracture of middle phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.522D	Displaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.522G	Displaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.522K	Displaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.522P	Displaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.522S	Displaced fracture of middle phalanx of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.523	Displaced fracture of middle phalanx of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.523A	Displaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.523B	Displaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.523D	Displaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.523G	Displaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.523K	Displaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.523P	Displaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.523S	Displaced fracture of middle phalanx of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.524	Nondisplaced fracture of middle phalanx of right lesser toe(s)	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.524A	Nondisplaced fracture of middle phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.524B	Nondisplaced fracture of middle phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.524D	Nondisplaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.524G	Nondisplaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.524K	Nondisplaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.524P	Nondisplaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.524S	Nondisplaced fracture of middle phalanx of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.525	Nondisplaced fracture of middle phalanx of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.525A	Nondisplaced fracture of middle phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.525B	Nondisplaced fracture of middle phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.525D	Nondisplaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.525G	Nondisplaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.525K	Nondisplaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.525P	Nondisplaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.525S	Nondisplaced fracture of middle phalanx of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.526	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.526A	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.526B	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.526D	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.526G	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.526K	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.526P	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.526S	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.53	Fracture of distal phalanx of lesser toe(s)	Diagnosis	ICD-10-CM
S92.531	Displaced fracture of distal phalanx of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.531A	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.531B	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.531D	Displaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.531G	Displaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.531K	Displaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.531P	Displaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.531S	Displaced fracture of distal phalanx of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.532	Displaced fracture of distal phalanx of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.532A	Displaced fracture of distal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.532B	Displaced fracture of distal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.532D	Displaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.532G	Displaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.532K	Displaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.532P	Displaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.532S	Displaced fracture of distal phalanx of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.533	Displaced fracture of distal phalanx of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.533A	Displaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.533B	Displaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.533D	Displaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.533G	Displaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.533K	Displaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.533P	Displaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.533S	Displaced fracture of distal phalanx of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.534	Nondisplaced fracture of distal phalanx of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.534A	Nondisplaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.534B	Nondisplaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.534D	Nondisplaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.534G	Nondisplaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.534K	Nondisplaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.534P	Nondisplaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.534S	Nondisplaced fracture of distal phalanx of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.535	Nondisplaced fracture of distal phalanx of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.535A	Nondisplaced fracture of distal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.535B	Nondisplaced fracture of distal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.535D	Nondisplaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.535G	Nondisplaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.535K	Nondisplaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.535P	Nondisplaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.535S	Nondisplaced fracture of distal phalanx of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.536	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.536A	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.536B	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.536D	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.536G	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.536K	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.536P	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.536S	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.59	Other fracture of lesser toe(s)	Diagnosis	ICD-10-CM
S92.591	Other fracture of right lesser toe(s)	Diagnosis	ICD-10-CM
S92.591A	Other fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.591B	Other fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.591D	Other fracture of right lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.591G	Other fracture of right lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.591K	Other fracture of right lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.591P	Other fracture of right lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.591S	Other fracture of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.592	Other fracture of left lesser toe(s)	Diagnosis	ICD-10-CM
S92.592A	Other fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.592B	Other fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.592D	Other fracture of left lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.592G	Other fracture of left lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.592K	Other fracture of left lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.592P	Other fracture of left lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.592S	Other fracture of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.599	Other fracture of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S92.599A	Other fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.599B	Other fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.599D	Other fracture of unspecified lesser toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.599G	Other fracture of unspecified lesser toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.599K	Other fracture of unspecified lesser toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.599P	Other fracture of unspecified lesser toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.599S	Other fracture of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S92.8	Other fracture of foot, except ankle	Diagnosis	ICD-10-CM
S92.81	Other fracture of foot	Diagnosis	ICD-10-CM
S92.811	Other fracture of right foot	Diagnosis	ICD-10-CM
S92.811A	Other fracture of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.811B	Other fracture of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.811D	Other fracture of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.811G	Other fracture of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.811K	Other fracture of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.811P	Other fracture of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.811S	Other fracture of right foot, sequela	Diagnosis	ICD-10-CM
S92.812	Other fracture of left foot	Diagnosis	ICD-10-CM
S92.812A	Other fracture of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.812B	Other fracture of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.812D	Other fracture of left foot, subsequent encounter for fracture with routine	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.812G	Other fracture of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.812K	Other fracture of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.812P	Other fracture of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.812S	Other fracture of left foot, sequela	Diagnosis	ICD-10-CM
S92.819	Other fracture of unspecified foot	Diagnosis	ICD-10-CM
S92.819A	Other fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.819B	Other fracture of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.819D	Other fracture of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.819G	Other fracture of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.819K	Other fracture of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.819P	Other fracture of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.819S	Other fracture of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.9	Unspecified fracture of foot and toe	Diagnosis	ICD-10-CM
S92.90	Unspecified fracture of foot	Diagnosis	ICD-10-CM
S92.901	Unspecified fracture of right foot	Diagnosis	ICD-10-CM
S92.901A	Unspecified fracture of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.901B	Unspecified fracture of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.901D	Unspecified fracture of right foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.901G	Unspecified fracture of right foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.901K	Unspecified fracture of right foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.901P	Unspecified fracture of right foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.901S	Unspecified fracture of right foot, sequela	Diagnosis	ICD-10-CM
S92.902	Unspecified fracture of left foot	Diagnosis	ICD-10-CM
S92.902A	Unspecified fracture of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.902B	Unspecified fracture of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.902D	Unspecified fracture of left foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.902G	Unspecified fracture of left foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.902K	Unspecified fracture of left foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.902P	Unspecified fracture of left foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.902S	Unspecified fracture of left foot, sequela	Diagnosis	ICD-10-CM
S92.909	Unspecified fracture of unspecified foot	Diagnosis	ICD-10-CM
S92.909A	Unspecified fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.909B	Unspecified fracture of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.909D	Unspecified fracture of unspecified foot, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.909G	Unspecified fracture of unspecified foot, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.909K	Unspecified fracture of unspecified foot, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.909P	Unspecified fracture of unspecified foot, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.909S	Unspecified fracture of unspecified foot, sequela	Diagnosis	ICD-10-CM
S92.91	Unspecified fracture of toe	Diagnosis	ICD-10-CM
S92.911	Unspecified fracture of right toe(s)	Diagnosis	ICD-10-CM
S92.911A	Unspecified fracture of right toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.911B	Unspecified fracture of right toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.911D	Unspecified fracture of right toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.911G	Unspecified fracture of right toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.911K	Unspecified fracture of right toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.911P	Unspecified fracture of right toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.911S	Unspecified fracture of right toe(s), sequela	Diagnosis	ICD-10-CM
S92.912	Unspecified fracture of left toe(s)	Diagnosis	ICD-10-CM
S92.912A	Unspecified fracture of left toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.912B	Unspecified fracture of left toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.912D	Unspecified fracture of left toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.912G	Unspecified fracture of left toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.912K	Unspecified fracture of left toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S92.912P	Unspecified fracture of left toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.912S	Unspecified fracture of left toe(s), sequela	Diagnosis	ICD-10-CM
S92.919	Unspecified fracture of unspecified toe(s)	Diagnosis	ICD-10-CM
S92.919A	Unspecified fracture of unspecified toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.919B	Unspecified fracture of unspecified toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.919D	Unspecified fracture of unspecified toe(s), subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S92.919G	Unspecified fracture of unspecified toe(s), subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S92.919K	Unspecified fracture of unspecified toe(s), subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S92.919P	Unspecified fracture of unspecified toe(s), subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S92.919S	Unspecified fracture of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93	Dislocation and sprain of joints and ligaments at ankle, foot and toe level	Diagnosis	ICD-10-CM
S93.0	Subluxation and dislocation of ankle joint	Diagnosis	ICD-10-CM
S93.01	Subluxation of right ankle joint	Diagnosis	ICD-10-CM
S93.01XA	Subluxation of right ankle joint, initial encounter	Diagnosis	ICD-10-CM
S93.01XD	Subluxation of right ankle joint, subsequent encounter	Diagnosis	ICD-10-CM
S93.01XS	Subluxation of right ankle joint, sequela	Diagnosis	ICD-10-CM
S93.02	Subluxation of left ankle joint	Diagnosis	ICD-10-CM
S93.02XA	Subluxation of left ankle joint, initial encounter	Diagnosis	ICD-10-CM
S93.02XD	Subluxation of left ankle joint, subsequent encounter	Diagnosis	ICD-10-CM
S93.02XS	Subluxation of left ankle joint, sequela	Diagnosis	ICD-10-CM
S93.03	Subluxation of unspecified ankle joint	Diagnosis	ICD-10-CM
S93.03XA	Subluxation of unspecified ankle joint, initial encounter	Diagnosis	ICD-10-CM
S93.03XD	Subluxation of unspecified ankle joint, subsequent encounter	Diagnosis	ICD-10-CM
S93.03XS	Subluxation of unspecified ankle joint, sequela	Diagnosis	ICD-10-CM
S93.04	Dislocation of right ankle joint	Diagnosis	ICD-10-CM
S93.04XA	Dislocation of right ankle joint, initial encounter	Diagnosis	ICD-10-CM
S93.04XD	Dislocation of right ankle joint, subsequent encounter	Diagnosis	ICD-10-CM
S93.04XS	Dislocation of right ankle joint, sequela	Diagnosis	ICD-10-CM
S93.05	Dislocation of left ankle joint	Diagnosis	ICD-10-CM
S93.05XA	Dislocation of left ankle joint, initial encounter	Diagnosis	ICD-10-CM
S93.05XD	Dislocation of left ankle joint, subsequent encounter	Diagnosis	ICD-10-CM
S93.05XS	Dislocation of left ankle joint, sequela	Diagnosis	ICD-10-CM
S93.06	Dislocation of unspecified ankle joint	Diagnosis	ICD-10-CM
S93.06XA	Dislocation of unspecified ankle joint, initial encounter	Diagnosis	ICD-10-CM
S93.06XD	Dislocation of unspecified ankle joint, subsequent encounter	Diagnosis	ICD-10-CM
S93.06XS	Dislocation of unspecified ankle joint, sequela	Diagnosis	ICD-10-CM
S93.1	Subluxation and dislocation of toe	Diagnosis	ICD-10-CM
S93.10	Unspecified subluxation and dislocation of toe	Diagnosis	ICD-10-CM
S93.101	Unspecified subluxation of right toe(s)	Diagnosis	ICD-10-CM
S93.101A	Unspecified subluxation of right toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.101D	Unspecified subluxation of right toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.101S	Unspecified subluxation of right toe(s), sequela	Diagnosis	ICD-10-CM
S93.102	Unspecified subluxation of left toe(s)	Diagnosis	ICD-10-CM
S93.102A	Unspecified subluxation of left toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.102D	Unspecified subluxation of left toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.102S	Unspecified subluxation of left toe(s), sequela	Diagnosis	ICD-10-CM
S93.103	Unspecified subluxation of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.103A	Unspecified subluxation of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.103D	Unspecified subluxation of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.103S	Unspecified subluxation of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.104	Unspecified dislocation of right toe(s)	Diagnosis	ICD-10-CM
S93.104A	Unspecified dislocation of right toe(s), initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.104D	Unspecified dislocation of right toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.104S	Unspecified dislocation of right toe(s), sequela	Diagnosis	ICD-10-CM
S93.105	Unspecified dislocation of left toe(s)	Diagnosis	ICD-10-CM
S93.105A	Unspecified dislocation of left toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.105D	Unspecified dislocation of left toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.105S	Unspecified dislocation of left toe(s), sequela	Diagnosis	ICD-10-CM
S93.106	Unspecified dislocation of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.106A	Unspecified dislocation of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.106D	Unspecified dislocation of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.106S	Unspecified dislocation of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.11	Dislocation of interphalangeal joint	Diagnosis	ICD-10-CM
S93.111	Dislocation of interphalangeal joint of right great toe	Diagnosis	ICD-10-CM
S93.111A	Dislocation of interphalangeal joint of right great toe, initial encounter	Diagnosis	ICD-10-CM
S93.111D	Dislocation of interphalangeal joint of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.111S	Dislocation of interphalangeal joint of right great toe, sequela	Diagnosis	ICD-10-CM
S93.112	Dislocation of interphalangeal joint of left great toe	Diagnosis	ICD-10-CM
S93.112A	Dislocation of interphalangeal joint of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.112D	Dislocation of interphalangeal joint of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.112S	Dislocation of interphalangeal joint of left great toe, sequela	Diagnosis	ICD-10-CM
S93.113	Dislocation of interphalangeal joint of unspecified great toe	Diagnosis	ICD-10-CM
S93.113A	Dislocation of interphalangeal joint of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S93.113D	Dislocation of interphalangeal joint of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.113S	Dislocation of interphalangeal joint of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.114	Dislocation of interphalangeal joint of right lesser toe(s)	Diagnosis	ICD-10-CM
S93.114A	Dislocation of interphalangeal joint of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.114D	Dislocation of interphalangeal joint of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.114S	Dislocation of interphalangeal joint of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.115	Dislocation of interphalangeal joint of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.115A	Dislocation of interphalangeal joint of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.115D	Dislocation of interphalangeal joint of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.115S	Dislocation of interphalangeal joint of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.116	Dislocation of interphalangeal joint of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.116A	Dislocation of interphalangeal joint of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.116D	Dislocation of interphalangeal joint of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.116S	Dislocation of interphalangeal joint of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.119	Dislocation of interphalangeal joint of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.119A	Dislocation of interphalangeal joint of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.119D	Dislocation of interphalangeal joint of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.119S	Dislocation of interphalangeal joint of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.12	Dislocation of metatarsophalangeal joint	Diagnosis	ICD-10-CM
S93.121	Dislocation of metatarsophalangeal joint of right great toe	Diagnosis	ICD-10-CM
S93.121A	Dislocation of metatarsophalangeal joint of right great toe, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.121D	Dislocation of metatarsophalangeal joint of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.121S	Dislocation of metatarsophalangeal joint of right great toe, sequela	Diagnosis	ICD-10-CM
S93.122	Dislocation of metatarsophalangeal joint of left great toe	Diagnosis	ICD-10-CM
S93.122A	Dislocation of metatarsophalangeal joint of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.122D	Dislocation of metatarsophalangeal joint of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.122S	Dislocation of metatarsophalangeal joint of left great toe, sequela	Diagnosis	ICD-10-CM
S93.123	Dislocation of metatarsophalangeal joint of unspecified great toe	Diagnosis	ICD-10-CM
S93.123A	Dislocation of metatarsophalangeal joint of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S93.123D	Dislocation of metatarsophalangeal joint of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.123S	Dislocation of metatarsophalangeal joint of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.124	Dislocation of metatarsophalangeal joint of right lesser toe(s)	Diagnosis	ICD-10-CM
S93.124A	Dislocation of metatarsophalangeal joint of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.124D	Dislocation of metatarsophalangeal joint of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.124S	Dislocation of metatarsophalangeal joint of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.125	Dislocation of metatarsophalangeal joint of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.125A	Dislocation of metatarsophalangeal joint of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.125D	Dislocation of metatarsophalangeal joint of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.125S	Dislocation of metatarsophalangeal joint of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.126	Dislocation of metatarsophalangeal joint of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.126A	Dislocation of metatarsophalangeal joint of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.126D	Dislocation of metatarsophalangeal joint of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.126S	Dislocation of metatarsophalangeal joint of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.129	Dislocation of metatarsophalangeal joint of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.129A	Dislocation of metatarsophalangeal joint of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.129D	Dislocation of metatarsophalangeal joint of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.129S	Dislocation of metatarsophalangeal joint of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.13	Subluxation of interphalangeal joint	Diagnosis	ICD-10-CM
S93.131	Subluxation of interphalangeal joint of right great toe	Diagnosis	ICD-10-CM
S93.131A	Subluxation of interphalangeal joint of right great toe, initial encounter	Diagnosis	ICD-10-CM
S93.131D	Subluxation of interphalangeal joint of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.131S	Subluxation of interphalangeal joint of right great toe, sequela	Diagnosis	ICD-10-CM
S93.132	Subluxation of interphalangeal joint of left great toe	Diagnosis	ICD-10-CM
S93.132A	Subluxation of interphalangeal joint of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.132D	Subluxation of interphalangeal joint of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.132S	Subluxation of interphalangeal joint of left great toe, sequela	Diagnosis	ICD-10-CM
S93.133	Subluxation of interphalangeal joint of unspecified great toe	Diagnosis	ICD-10-CM
S93.133A	Subluxation of interphalangeal joint of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.133D	Subluxation of interphalangeal joint of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.133S	Subluxation of interphalangeal joint of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.134	Subluxation of interphalangeal joint of right lesser toe(s)	Diagnosis	ICD-10-CM
S93.134A	Subluxation of interphalangeal joint of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.134D	Subluxation of interphalangeal joint of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.134S	Subluxation of interphalangeal joint of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.135	Subluxation of interphalangeal joint of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.135A	Subluxation of interphalangeal joint of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.135D	Subluxation of interphalangeal joint of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.135S	Subluxation of interphalangeal joint of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.136	Subluxation of interphalangeal joint of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.136A	Subluxation of interphalangeal joint of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.136D	Subluxation of interphalangeal joint of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.136S	Subluxation of interphalangeal joint of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.139	Subluxation of interphalangeal joint of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.139A	Subluxation of interphalangeal joint of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.139D	Subluxation of interphalangeal joint of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.139S	Subluxation of interphalangeal joint of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.14	Subluxation of metatarsophalangeal joint	Diagnosis	ICD-10-CM
S93.141	Subluxation of metatarsophalangeal joint of right great toe	Diagnosis	ICD-10-CM
S93.141A	Subluxation of metatarsophalangeal joint of right great toe, initial encounter	Diagnosis	ICD-10-CM
S93.141D	Subluxation of metatarsophalangeal joint of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.141S	Subluxation of metatarsophalangeal joint of right great toe, sequela	Diagnosis	ICD-10-CM
S93.142	Subluxation of metatarsophalangeal joint of left great toe	Diagnosis	ICD-10-CM
S93.142A	Subluxation of metatarsophalangeal joint of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.142D	Subluxation of metatarsophalangeal joint of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.142S	Subluxation of metatarsophalangeal joint of left great toe, sequela	Diagnosis	ICD-10-CM
S93.143	Subluxation of metatarsophalangeal joint of unspecified great toe	Diagnosis	ICD-10-CM
S93.143A	Subluxation of metatarsophalangeal joint of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S93.143D	Subluxation of metatarsophalangeal joint of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.143S	Subluxation of metatarsophalangeal joint of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.144	Subluxation of metatarsophalangeal joint of right lesser toe(s)	Diagnosis	ICD-10-CM
S93.144A	Subluxation of metatarsophalangeal joint of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.144D	Subluxation of metatarsophalangeal joint of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.144S	Subluxation of metatarsophalangeal joint of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.145	Subluxation of metatarsophalangeal joint of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.145A	Subluxation of metatarsophalangeal joint of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.145D	Subluxation of metatarsophalangeal joint of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.145S	Subluxation of metatarsophalangeal joint of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.146	Subluxation of metatarsophalangeal joint of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.146A	Subluxation of metatarsophalangeal joint of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.146D	Subluxation of metatarsophalangeal joint of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.146S	Subluxation of metatarsophalangeal joint of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.149	Subluxation of metatarsophalangeal joint of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.149A	Subluxation of metatarsophalangeal joint of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.149D	Subluxation of metatarsophalangeal joint of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.149S	Subluxation of metatarsophalangeal joint of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.3	Subluxation and dislocation of foot	Diagnosis	ICD-10-CM
S93.30	Unspecified subluxation and dislocation of foot	Diagnosis	ICD-10-CM
S93.301	Unspecified subluxation of right foot	Diagnosis	ICD-10-CM
S93.301A	Unspecified subluxation of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.301D	Unspecified subluxation of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.301S	Unspecified subluxation of right foot, sequela	Diagnosis	ICD-10-CM
S93.302	Unspecified subluxation of left foot	Diagnosis	ICD-10-CM
S93.302A	Unspecified subluxation of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.302D	Unspecified subluxation of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.302S	Unspecified subluxation of left foot, sequela	Diagnosis	ICD-10-CM
S93.303	Unspecified subluxation of unspecified foot	Diagnosis	ICD-10-CM
S93.303A	Unspecified subluxation of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.303D	Unspecified subluxation of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.303S	Unspecified subluxation of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.304	Unspecified dislocation of right foot	Diagnosis	ICD-10-CM
S93.304A	Unspecified dislocation of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.304D	Unspecified dislocation of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.304S	Unspecified dislocation of right foot, sequela	Diagnosis	ICD-10-CM
S93.305	Unspecified dislocation of left foot	Diagnosis	ICD-10-CM
S93.305A	Unspecified dislocation of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.305D	Unspecified dislocation of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.305S	Unspecified dislocation of left foot, sequela	Diagnosis	ICD-10-CM
S93.306	Unspecified dislocation of unspecified foot	Diagnosis	ICD-10-CM
S93.306A	Unspecified dislocation of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.306D	Unspecified dislocation of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.306S	Unspecified dislocation of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.31	Subluxation and dislocation of tarsal joint	Diagnosis	ICD-10-CM
S93.311	Subluxation of tarsal joint of right foot	Diagnosis	ICD-10-CM
S93.311A	Subluxation of tarsal joint of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.311D	Subluxation of tarsal joint of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.311S	Subluxation of tarsal joint of right foot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.312	Subluxation of tarsal joint of left foot	Diagnosis	ICD-10-CM
S93.312A	Subluxation of tarsal joint of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.312D	Subluxation of tarsal joint of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.312S	Subluxation of tarsal joint of left foot, sequela	Diagnosis	ICD-10-CM
S93.313	Subluxation of tarsal joint of unspecified foot	Diagnosis	ICD-10-CM
S93.313A	Subluxation of tarsal joint of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.313D	Subluxation of tarsal joint of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.313S	Subluxation of tarsal joint of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.314	Dislocation of tarsal joint of right foot	Diagnosis	ICD-10-CM
S93.314A	Dislocation of tarsal joint of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.314D	Dislocation of tarsal joint of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.314S	Dislocation of tarsal joint of right foot, sequela	Diagnosis	ICD-10-CM
S93.315	Dislocation of tarsal joint of left foot	Diagnosis	ICD-10-CM
S93.315A	Dislocation of tarsal joint of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.315D	Dislocation of tarsal joint of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.315S	Dislocation of tarsal joint of left foot, sequela	Diagnosis	ICD-10-CM
S93.316	Dislocation of tarsal joint of unspecified foot	Diagnosis	ICD-10-CM
S93.316A	Dislocation of tarsal joint of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.316D	Dislocation of tarsal joint of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.316S	Dislocation of tarsal joint of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.32	Subluxation and dislocation of tarsometatarsal joint	Diagnosis	ICD-10-CM
S93.321	Subluxation of tarsometatarsal joint of right foot	Diagnosis	ICD-10-CM
S93.321A	Subluxation of tarsometatarsal joint of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.321D	Subluxation of tarsometatarsal joint of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.321S	Subluxation of tarsometatarsal joint of right foot, sequela	Diagnosis	ICD-10-CM
S93.322	Subluxation of tarsometatarsal joint of left foot	Diagnosis	ICD-10-CM
S93.322A	Subluxation of tarsometatarsal joint of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.322D	Subluxation of tarsometatarsal joint of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.322S	Subluxation of tarsometatarsal joint of left foot, sequela	Diagnosis	ICD-10-CM
S93.323	Subluxation of tarsometatarsal joint of unspecified foot	Diagnosis	ICD-10-CM
S93.323A	Subluxation of tarsometatarsal joint of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.323D	Subluxation of tarsometatarsal joint of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.323S	Subluxation of tarsometatarsal joint of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.324	Dislocation of tarsometatarsal joint of right foot	Diagnosis	ICD-10-CM
S93.324A	Dislocation of tarsometatarsal joint of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.324D	Dislocation of tarsometatarsal joint of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.324S	Dislocation of tarsometatarsal joint of right foot, sequela	Diagnosis	ICD-10-CM
S93.325	Dislocation of tarsometatarsal joint of left foot	Diagnosis	ICD-10-CM
S93.325A	Dislocation of tarsometatarsal joint of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.325D	Dislocation of tarsometatarsal joint of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.325S	Dislocation of tarsometatarsal joint of left foot, sequela	Diagnosis	ICD-10-CM
S93.326	Dislocation of tarsometatarsal joint of unspecified foot	Diagnosis	ICD-10-CM
S93.326A	Dislocation of tarsometatarsal joint of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.326D	Dislocation of tarsometatarsal joint of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.326S	Dislocation of tarsometatarsal joint of unspecified foot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.33	Other subluxation and dislocation of foot	Diagnosis	ICD-10-CM
S93.331	Other subluxation of right foot	Diagnosis	ICD-10-CM
S93.331A	Other subluxation of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.331D	Other subluxation of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.331S	Other subluxation of right foot, sequela	Diagnosis	ICD-10-CM
S93.332	Other subluxation of left foot	Diagnosis	ICD-10-CM
S93.332A	Other subluxation of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.332D	Other subluxation of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.332S	Other subluxation of left foot, sequela	Diagnosis	ICD-10-CM
S93.333	Other subluxation of unspecified foot	Diagnosis	ICD-10-CM
S93.333A	Other subluxation of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.333D	Other subluxation of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.333S	Other subluxation of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.334	Other dislocation of right foot	Diagnosis	ICD-10-CM
S93.334A	Other dislocation of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.334D	Other dislocation of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.334S	Other dislocation of right foot, sequela	Diagnosis	ICD-10-CM
S93.335	Other dislocation of left foot	Diagnosis	ICD-10-CM
S93.335A	Other dislocation of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.335D	Other dislocation of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.335S	Other dislocation of left foot, sequela	Diagnosis	ICD-10-CM
S93.336	Other dislocation of unspecified foot	Diagnosis	ICD-10-CM
S93.336A	Other dislocation of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.336D	Other dislocation of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.336S	Other dislocation of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.4	Sprain of ankle	Diagnosis	ICD-10-CM
S93.40	Sprain of unspecified ligament of ankle	Diagnosis	ICD-10-CM
S93.401	Sprain of unspecified ligament of right ankle	Diagnosis	ICD-10-CM
S93.401A	Sprain of unspecified ligament of right ankle, initial encounter	Diagnosis	ICD-10-CM
S93.401D	Sprain of unspecified ligament of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.401S	Sprain of unspecified ligament of right ankle, sequela	Diagnosis	ICD-10-CM
S93.402	Sprain of unspecified ligament of left ankle	Diagnosis	ICD-10-CM
S93.402A	Sprain of unspecified ligament of left ankle, initial encounter	Diagnosis	ICD-10-CM
S93.402D	Sprain of unspecified ligament of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.402S	Sprain of unspecified ligament of left ankle, sequela	Diagnosis	ICD-10-CM
S93.409	Sprain of unspecified ligament of unspecified ankle	Diagnosis	ICD-10-CM
S93.409A	Sprain of unspecified ligament of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S93.409D	Sprain of unspecified ligament of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.409S	Sprain of unspecified ligament of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S93.41	Sprain of calcaneofibular ligament	Diagnosis	ICD-10-CM
S93.411	Sprain of calcaneofibular ligament of right ankle	Diagnosis	ICD-10-CM
S93.411A	Sprain of calcaneofibular ligament of right ankle, initial encounter	Diagnosis	ICD-10-CM
S93.411D	Sprain of calcaneofibular ligament of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.411S	Sprain of calcaneofibular ligament of right ankle, sequela	Diagnosis	ICD-10-CM
S93.412	Sprain of calcaneofibular ligament of left ankle	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.412A	Sprain of calcaneofibular ligament of left ankle, initial encounter	Diagnosis	ICD-10-CM
S93.412D	Sprain of calcaneofibular ligament of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.412S	Sprain of calcaneofibular ligament of left ankle, sequela	Diagnosis	ICD-10-CM
S93.419	Sprain of calcaneofibular ligament of unspecified ankle	Diagnosis	ICD-10-CM
S93.419A	Sprain of calcaneofibular ligament of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S93.419D	Sprain of calcaneofibular ligament of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.419S	Sprain of calcaneofibular ligament of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S93.42	Sprain of deltoid ligament	Diagnosis	ICD-10-CM
S93.421	Sprain of deltoid ligament of right ankle	Diagnosis	ICD-10-CM
S93.421A	Sprain of deltoid ligament of right ankle, initial encounter	Diagnosis	ICD-10-CM
S93.421D	Sprain of deltoid ligament of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.421S	Sprain of deltoid ligament of right ankle, sequela	Diagnosis	ICD-10-CM
S93.422	Sprain of deltoid ligament of left ankle	Diagnosis	ICD-10-CM
S93.422A	Sprain of deltoid ligament of left ankle, initial encounter	Diagnosis	ICD-10-CM
S93.422D	Sprain of deltoid ligament of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.422S	Sprain of deltoid ligament of left ankle, sequela	Diagnosis	ICD-10-CM
S93.429	Sprain of deltoid ligament of unspecified ankle	Diagnosis	ICD-10-CM
S93.429A	Sprain of deltoid ligament of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S93.429D	Sprain of deltoid ligament of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.429S	Sprain of deltoid ligament of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S93.43	Sprain of tibiofibular ligament	Diagnosis	ICD-10-CM
S93.431	Sprain of tibiofibular ligament of right ankle	Diagnosis	ICD-10-CM
S93.431A	Sprain of tibiofibular ligament of right ankle, initial encounter	Diagnosis	ICD-10-CM
S93.431D	Sprain of tibiofibular ligament of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.431S	Sprain of tibiofibular ligament of right ankle, sequela	Diagnosis	ICD-10-CM
S93.432	Sprain of tibiofibular ligament of left ankle	Diagnosis	ICD-10-CM
S93.432A	Sprain of tibiofibular ligament of left ankle, initial encounter	Diagnosis	ICD-10-CM
S93.432D	Sprain of tibiofibular ligament of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.432S	Sprain of tibiofibular ligament of left ankle, sequela	Diagnosis	ICD-10-CM
S93.439	Sprain of tibiofibular ligament of unspecified ankle	Diagnosis	ICD-10-CM
S93.439A	Sprain of tibiofibular ligament of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S93.439D	Sprain of tibiofibular ligament of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.439S	Sprain of tibiofibular ligament of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S93.49	Sprain of other ligament of ankle	Diagnosis	ICD-10-CM
S93.491	Sprain of other ligament of right ankle	Diagnosis	ICD-10-CM
S93.491A	Sprain of other ligament of right ankle, initial encounter	Diagnosis	ICD-10-CM
S93.491D	Sprain of other ligament of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.491S	Sprain of other ligament of right ankle, sequela	Diagnosis	ICD-10-CM
S93.492	Sprain of other ligament of left ankle	Diagnosis	ICD-10-CM
S93.492A	Sprain of other ligament of left ankle, initial encounter	Diagnosis	ICD-10-CM
S93.492D	Sprain of other ligament of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S93.492S	Sprain of other ligament of left ankle, sequela	Diagnosis	ICD-10-CM
S93.499	Sprain of other ligament of unspecified ankle	Diagnosis	ICD-10-CM
S93.499A	Sprain of other ligament of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S93.499D	Sprain of other ligament of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.499S	Sprain of other ligament of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S93.5	Sprain of toe	Diagnosis	ICD-10-CM
S93.50	Unspecified sprain of toe	Diagnosis	ICD-10-CM
S93.501	Unspecified sprain of right great toe	Diagnosis	ICD-10-CM
S93.501A	Unspecified sprain of right great toe, initial encounter	Diagnosis	ICD-10-CM
S93.501D	Unspecified sprain of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.501S	Unspecified sprain of right great toe, sequela	Diagnosis	ICD-10-CM
S93.502	Unspecified sprain of left great toe	Diagnosis	ICD-10-CM
S93.502A	Unspecified sprain of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.502D	Unspecified sprain of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.502S	Unspecified sprain of left great toe, sequela	Diagnosis	ICD-10-CM
S93.503	Unspecified sprain of unspecified great toe	Diagnosis	ICD-10-CM
S93.503A	Unspecified sprain of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S93.503D	Unspecified sprain of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.503S	Unspecified sprain of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.504	Unspecified sprain of right lesser toe(s)	Diagnosis	ICD-10-CM
S93.504A	Unspecified sprain of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.504D	Unspecified sprain of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.504S	Unspecified sprain of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.505	Unspecified sprain of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.505A	Unspecified sprain of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.505D	Unspecified sprain of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.505S	Unspecified sprain of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.506	Unspecified sprain of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.506A	Unspecified sprain of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.506D	Unspecified sprain of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.506S	Unspecified sprain of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.509	Unspecified sprain of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.509A	Unspecified sprain of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.509D	Unspecified sprain of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.509S	Unspecified sprain of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.51	Sprain of interphalangeal joint of toe	Diagnosis	ICD-10-CM
S93.511	Sprain of interphalangeal joint of right great toe	Diagnosis	ICD-10-CM
S93.511A	Sprain of interphalangeal joint of right great toe, initial encounter	Diagnosis	ICD-10-CM
S93.511D	Sprain of interphalangeal joint of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.511S	Sprain of interphalangeal joint of right great toe, sequela	Diagnosis	ICD-10-CM
S93.512	Sprain of interphalangeal joint of left great toe	Diagnosis	ICD-10-CM
S93.512A	Sprain of interphalangeal joint of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.512D	Sprain of interphalangeal joint of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.512S	Sprain of interphalangeal joint of left great toe, sequela	Diagnosis	ICD-10-CM
S93.513	Sprain of interphalangeal joint of unspecified great toe	Diagnosis	ICD-10-CM
S93.513A	Sprain of interphalangeal joint of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S93.513D	Sprain of interphalangeal joint of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.513S	Sprain of interphalangeal joint of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.514	Sprain of interphalangeal joint of right lesser toe(s)	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.514A	Sprain of interphalangeal joint of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.514D	Sprain of interphalangeal joint of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.514S	Sprain of interphalangeal joint of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.515	Sprain of interphalangeal joint of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.515A	Sprain of interphalangeal joint of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.515D	Sprain of interphalangeal joint of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.515S	Sprain of interphalangeal joint of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.516	Sprain of interphalangeal joint of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.516A	Sprain of interphalangeal joint of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.516D	Sprain of interphalangeal joint of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.516S	Sprain of interphalangeal joint of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.519	Sprain of interphalangeal joint of unspecified toe(s)	Diagnosis	ICD-10-CM
S93.519A	Sprain of interphalangeal joint of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.519D	Sprain of interphalangeal joint of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.519S	Sprain of interphalangeal joint of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.52	Sprain of metatarsophalangeal joint of toe	Diagnosis	ICD-10-CM
S93.521	Sprain of metatarsophalangeal joint of right great toe	Diagnosis	ICD-10-CM
S93.521A	Sprain of metatarsophalangeal joint of right great toe, initial encounter	Diagnosis	ICD-10-CM
S93.521D	Sprain of metatarsophalangeal joint of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.521S	Sprain of metatarsophalangeal joint of right great toe, sequela	Diagnosis	ICD-10-CM
S93.522	Sprain of metatarsophalangeal joint of left great toe	Diagnosis	ICD-10-CM
S93.522A	Sprain of metatarsophalangeal joint of left great toe, initial encounter	Diagnosis	ICD-10-CM
S93.522D	Sprain of metatarsophalangeal joint of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.522S	Sprain of metatarsophalangeal joint of left great toe, sequela	Diagnosis	ICD-10-CM
S93.523	Sprain of metatarsophalangeal joint of unspecified great toe	Diagnosis	ICD-10-CM
S93.523A	Sprain of metatarsophalangeal joint of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S93.523D	Sprain of metatarsophalangeal joint of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S93.523S	Sprain of metatarsophalangeal joint of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S93.524	Sprain of metatarsophalangeal joint of right lesser toe(s)	Diagnosis	ICD-10-CM
S93.524A	Sprain of metatarsophalangeal joint of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.524D	Sprain of metatarsophalangeal joint of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.524S	Sprain of metatarsophalangeal joint of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.525	Sprain of metatarsophalangeal joint of left lesser toe(s)	Diagnosis	ICD-10-CM
S93.525A	Sprain of metatarsophalangeal joint of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.525D	Sprain of metatarsophalangeal joint of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.525S	Sprain of metatarsophalangeal joint of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.526	Sprain of metatarsophalangeal joint of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S93.526A	Sprain of metatarsophalangeal joint of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.526D	Sprain of metatarsophalangeal joint of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.526S	Sprain of metatarsophalangeal joint of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S93.529	Sprain of metatarsophalangeal joint of unspecified toe(s)	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.529A	Sprain of metatarsophalangeal joint of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S93.529D	Sprain of metatarsophalangeal joint of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S93.529S	Sprain of metatarsophalangeal joint of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S93.6	Sprain of foot	Diagnosis	ICD-10-CM
S93.60	Unspecified sprain of foot	Diagnosis	ICD-10-CM
S93.601	Unspecified sprain of right foot	Diagnosis	ICD-10-CM
S93.601A	Unspecified sprain of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.601D	Unspecified sprain of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.601S	Unspecified sprain of right foot, sequela	Diagnosis	ICD-10-CM
S93.602	Unspecified sprain of left foot	Diagnosis	ICD-10-CM
S93.602A	Unspecified sprain of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.602D	Unspecified sprain of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.602S	Unspecified sprain of left foot, sequela	Diagnosis	ICD-10-CM
S93.609	Unspecified sprain of unspecified foot	Diagnosis	ICD-10-CM
S93.609A	Unspecified sprain of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.609D	Unspecified sprain of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.609S	Unspecified sprain of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.61	Sprain of tarsal ligament of foot	Diagnosis	ICD-10-CM
S93.611	Sprain of tarsal ligament of right foot	Diagnosis	ICD-10-CM
S93.611A	Sprain of tarsal ligament of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.611D	Sprain of tarsal ligament of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.611S	Sprain of tarsal ligament of right foot, sequela	Diagnosis	ICD-10-CM
S93.612	Sprain of tarsal ligament of left foot	Diagnosis	ICD-10-CM
S93.612A	Sprain of tarsal ligament of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.612D	Sprain of tarsal ligament of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.612S	Sprain of tarsal ligament of left foot, sequela	Diagnosis	ICD-10-CM
S93.619	Sprain of tarsal ligament of unspecified foot	Diagnosis	ICD-10-CM
S93.619A	Sprain of tarsal ligament of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.619D	Sprain of tarsal ligament of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.619S	Sprain of tarsal ligament of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.62	Sprain of tarsometatarsal ligament of foot	Diagnosis	ICD-10-CM
S93.621	Sprain of tarsometatarsal ligament of right foot	Diagnosis	ICD-10-CM
S93.621A	Sprain of tarsometatarsal ligament of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.621D	Sprain of tarsometatarsal ligament of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.621S	Sprain of tarsometatarsal ligament of right foot, sequela	Diagnosis	ICD-10-CM
S93.622	Sprain of tarsometatarsal ligament of left foot	Diagnosis	ICD-10-CM
S93.622A	Sprain of tarsometatarsal ligament of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.622D	Sprain of tarsometatarsal ligament of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.622S	Sprain of tarsometatarsal ligament of left foot, sequela	Diagnosis	ICD-10-CM
S93.629	Sprain of tarsometatarsal ligament of unspecified foot	Diagnosis	ICD-10-CM
S93.629A	Sprain of tarsometatarsal ligament of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.629D	Sprain of tarsometatarsal ligament of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.629S	Sprain of tarsometatarsal ligament of unspecified foot, sequela	Diagnosis	ICD-10-CM
S93.69	Other sprain of foot	Diagnosis	ICD-10-CM
S93.691	Other sprain of right foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S93.691A	Other sprain of right foot, initial encounter	Diagnosis	ICD-10-CM
S93.691D	Other sprain of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.691S	Other sprain of right foot, sequela	Diagnosis	ICD-10-CM
S93.692	Other sprain of left foot	Diagnosis	ICD-10-CM
S93.692A	Other sprain of left foot, initial encounter	Diagnosis	ICD-10-CM
S93.692D	Other sprain of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.692S	Other sprain of left foot, sequela	Diagnosis	ICD-10-CM
S93.699	Other sprain of unspecified foot	Diagnosis	ICD-10-CM
S93.699A	Other sprain of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S93.699D	Other sprain of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S93.699S	Other sprain of unspecified foot, sequela	Diagnosis	ICD-10-CM
S94	Injury of nerves at ankle and foot level	Diagnosis	ICD-10-CM
S94.0	Injury of lateral plantar nerve	Diagnosis	ICD-10-CM
S94.00	Injury of lateral plantar nerve, unspecified leg	Diagnosis	ICD-10-CM
S94.00XA	Injury of lateral plantar nerve, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.00XD	Injury of lateral plantar nerve, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.00XS	Injury of lateral plantar nerve, unspecified leg, sequela	Diagnosis	ICD-10-CM
S94.01	Injury of lateral plantar nerve, right leg	Diagnosis	ICD-10-CM
S94.01XA	Injury of lateral plantar nerve, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.01XD	Injury of lateral plantar nerve, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.01XS	Injury of lateral plantar nerve, right leg, sequela	Diagnosis	ICD-10-CM
S94.02	Injury of lateral plantar nerve, left leg	Diagnosis	ICD-10-CM
S94.02XA	Injury of lateral plantar nerve, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.02XD	Injury of lateral plantar nerve, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.02XS	Injury of lateral plantar nerve, left leg, sequela	Diagnosis	ICD-10-CM
S94.1	Injury of medial plantar nerve	Diagnosis	ICD-10-CM
S94.10	Injury of medial plantar nerve, unspecified leg	Diagnosis	ICD-10-CM
S94.10XA	Injury of medial plantar nerve, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.10XD	Injury of medial plantar nerve, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.10XS	Injury of medial plantar nerve, unspecified leg, sequela	Diagnosis	ICD-10-CM
S94.11	Injury of medial plantar nerve, right leg	Diagnosis	ICD-10-CM
S94.11XA	Injury of medial plantar nerve, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.11XD	Injury of medial plantar nerve, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.11XS	Injury of medial plantar nerve, right leg, sequela	Diagnosis	ICD-10-CM
S94.12	Injury of medial plantar nerve, left leg	Diagnosis	ICD-10-CM
S94.12XA	Injury of medial plantar nerve, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.12XD	Injury of medial plantar nerve, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.12XS	Injury of medial plantar nerve, left leg, sequela	Diagnosis	ICD-10-CM
S94.2	Injury of deep peroneal nerve at ankle and foot level	Diagnosis	ICD-10-CM
S94.20	Injury of deep peroneal nerve at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S94.20XA	Injury of deep peroneal nerve at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.20XD	Injury of deep peroneal nerve at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.20XS	Injury of deep peroneal nerve at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S94.21	Injury of deep peroneal nerve at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S94.21XA	Injury of deep peroneal nerve at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.21XD	Injury of deep peroneal nerve at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.21XS	Injury of deep peroneal nerve at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S94.22	Injury of deep peroneal nerve at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S94.22XA	Injury of deep peroneal nerve at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.22XD	Injury of deep peroneal nerve at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.22XS	Injury of deep peroneal nerve at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S94.3	Injury of cutaneous sensory nerve at ankle and foot level	Diagnosis	ICD-10-CM
S94.30	Injury of cutaneous sensory nerve at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S94.30XA	Injury of cutaneous sensory nerve at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.30XD	Injury of cutaneous sensory nerve at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.30XS	Injury of cutaneous sensory nerve at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S94.31	Injury of cutaneous sensory nerve at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S94.31XA	Injury of cutaneous sensory nerve at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.31XD	Injury of cutaneous sensory nerve at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.31XS	Injury of cutaneous sensory nerve at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S94.32	Injury of cutaneous sensory nerve at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S94.32XA	Injury of cutaneous sensory nerve at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.32XD	Injury of cutaneous sensory nerve at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.32XS	Injury of cutaneous sensory nerve at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S94.8	Injury of other nerves at ankle and foot level	Diagnosis	ICD-10-CM
S94.8X	Injury of other nerves at ankle and foot level	Diagnosis	ICD-10-CM
S94.8X1	Injury of other nerves at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S94.8X1A	Injury of other nerves at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.8X1D	Injury of other nerves at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.8X1S	Injury of other nerves at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S94.8X2	Injury of other nerves at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S94.8X2A	Injury of other nerves at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.8X2D	Injury of other nerves at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.8X2S	Injury of other nerves at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S94.8X9	Injury of other nerves at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S94.8X9A	Injury of other nerves at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.8X9D	Injury of other nerves at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.8X9S	Injury of other nerves at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S94.9	Injury of unspecified nerve at ankle and foot level	Diagnosis	ICD-10-CM
S94.90	Injury of unspecified nerve at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S94.90XA	Injury of unspecified nerve at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.90XD	Injury of unspecified nerve at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.90XS	Injury of unspecified nerve at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S94.91	Injury of unspecified nerve at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S94.91XA	Injury of unspecified nerve at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.91XD	Injury of unspecified nerve at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.91XS	Injury of unspecified nerve at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S94.92	Injury of unspecified nerve at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S94.92XA	Injury of unspecified nerve at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.92XD	Injury of unspecified nerve at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S94.92XS	Injury of unspecified nerve at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95	Injury of blood vessels at ankle and foot level	Diagnosis	ICD-10-CM
S95.0	Injury of dorsal artery of foot	Diagnosis	ICD-10-CM
S95.00	Unspecified injury of dorsal artery of foot	Diagnosis	ICD-10-CM
S95.001	Unspecified injury of dorsal artery of right foot	Diagnosis	ICD-10-CM
S95.001A	Unspecified injury of dorsal artery of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.001D	Unspecified injury of dorsal artery of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.001S	Unspecified injury of dorsal artery of right foot, sequela	Diagnosis	ICD-10-CM
S95.002	Unspecified injury of dorsal artery of left foot	Diagnosis	ICD-10-CM
S95.002A	Unspecified injury of dorsal artery of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.002D	Unspecified injury of dorsal artery of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.002S	Unspecified injury of dorsal artery of left foot, sequela	Diagnosis	ICD-10-CM
S95.009	Unspecified injury of dorsal artery of unspecified foot	Diagnosis	ICD-10-CM
S95.009A	Unspecified injury of dorsal artery of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.009D	Unspecified injury of dorsal artery of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.009S	Unspecified injury of dorsal artery of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.01	Laceration of dorsal artery of foot	Diagnosis	ICD-10-CM
S95.011	Laceration of dorsal artery of right foot	Diagnosis	ICD-10-CM
S95.011A	Laceration of dorsal artery of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.011D	Laceration of dorsal artery of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.011S	Laceration of dorsal artery of right foot, sequela	Diagnosis	ICD-10-CM
S95.012	Laceration of dorsal artery of left foot	Diagnosis	ICD-10-CM
S95.012A	Laceration of dorsal artery of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.012D	Laceration of dorsal artery of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.012S	Laceration of dorsal artery of left foot, sequela	Diagnosis	ICD-10-CM
S95.019	Laceration of dorsal artery of unspecified foot	Diagnosis	ICD-10-CM
S95.019A	Laceration of dorsal artery of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.019D	Laceration of dorsal artery of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.019S	Laceration of dorsal artery of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.09	Other specified injury of dorsal artery of foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S95.091	Other specified injury of dorsal artery of right foot	Diagnosis	ICD-10-CM
S95.091A	Other specified injury of dorsal artery of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.091D	Other specified injury of dorsal artery of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.091S	Other specified injury of dorsal artery of right foot, sequela	Diagnosis	ICD-10-CM
S95.092	Other specified injury of dorsal artery of left foot	Diagnosis	ICD-10-CM
S95.092A	Other specified injury of dorsal artery of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.092D	Other specified injury of dorsal artery of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.092S	Other specified injury of dorsal artery of left foot, sequela	Diagnosis	ICD-10-CM
S95.099	Other specified injury of dorsal artery of unspecified foot	Diagnosis	ICD-10-CM
S95.099A	Other specified injury of dorsal artery of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.099D	Other specified injury of dorsal artery of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.099S	Other specified injury of dorsal artery of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.1	Injury of plantar artery of foot	Diagnosis	ICD-10-CM
S95.10	Unspecified injury of plantar artery of foot	Diagnosis	ICD-10-CM
S95.101	Unspecified injury of plantar artery of right foot	Diagnosis	ICD-10-CM
S95.101A	Unspecified injury of plantar artery of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.101D	Unspecified injury of plantar artery of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.101S	Unspecified injury of plantar artery of right foot, sequela	Diagnosis	ICD-10-CM
S95.102	Unspecified injury of plantar artery of left foot	Diagnosis	ICD-10-CM
S95.102A	Unspecified injury of plantar artery of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.102D	Unspecified injury of plantar artery of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.102S	Unspecified injury of plantar artery of left foot, sequela	Diagnosis	ICD-10-CM
S95.109	Unspecified injury of plantar artery of unspecified foot	Diagnosis	ICD-10-CM
S95.109A	Unspecified injury of plantar artery of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.109D	Unspecified injury of plantar artery of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.109S	Unspecified injury of plantar artery of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.11	Laceration of plantar artery of foot	Diagnosis	ICD-10-CM
S95.111	Laceration of plantar artery of right foot	Diagnosis	ICD-10-CM
S95.111A	Laceration of plantar artery of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.111D	Laceration of plantar artery of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.111S	Laceration of plantar artery of right foot, sequela	Diagnosis	ICD-10-CM
S95.112	Laceration of plantar artery of left foot	Diagnosis	ICD-10-CM
S95.112A	Laceration of plantar artery of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.112D	Laceration of plantar artery of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.112S	Laceration of plantar artery of left foot, sequela	Diagnosis	ICD-10-CM
S95.119	Laceration of plantar artery of unspecified foot	Diagnosis	ICD-10-CM
S95.119A	Laceration of plantar artery of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.119D	Laceration of plantar artery of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.119S	Laceration of plantar artery of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.19	Other specified injury of plantar artery of foot	Diagnosis	ICD-10-CM
S95.191	Other specified injury of plantar artery of right foot	Diagnosis	ICD-10-CM
S95.191A	Other specified injury of plantar artery of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.191D	Other specified injury of plantar artery of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.191S	Other specified injury of plantar artery of right foot, sequela	Diagnosis	ICD-10-CM
S95.192	Other specified injury of plantar artery of left foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S95.192A	Other specified injury of plantar artery of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.192D	Other specified injury of plantar artery of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.192S	Other specified injury of plantar artery of left foot, sequela	Diagnosis	ICD-10-CM
S95.199	Other specified injury of plantar artery of unspecified foot	Diagnosis	ICD-10-CM
S95.199A	Other specified injury of plantar artery of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.199D	Other specified injury of plantar artery of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.199S	Other specified injury of plantar artery of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.2	Injury of dorsal vein of foot	Diagnosis	ICD-10-CM
S95.20	Unspecified injury of dorsal vein of foot	Diagnosis	ICD-10-CM
S95.201	Unspecified injury of dorsal vein of right foot	Diagnosis	ICD-10-CM
S95.201A	Unspecified injury of dorsal vein of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.201D	Unspecified injury of dorsal vein of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.201S	Unspecified injury of dorsal vein of right foot, sequela	Diagnosis	ICD-10-CM
S95.202	Unspecified injury of dorsal vein of left foot	Diagnosis	ICD-10-CM
S95.202A	Unspecified injury of dorsal vein of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.202D	Unspecified injury of dorsal vein of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.202S	Unspecified injury of dorsal vein of left foot, sequela	Diagnosis	ICD-10-CM
S95.209	Unspecified injury of dorsal vein of unspecified foot	Diagnosis	ICD-10-CM
S95.209A	Unspecified injury of dorsal vein of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.209D	Unspecified injury of dorsal vein of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.209S	Unspecified injury of dorsal vein of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.21	Laceration of dorsal vein of foot	Diagnosis	ICD-10-CM
S95.211	Laceration of dorsal vein of right foot	Diagnosis	ICD-10-CM
S95.211A	Laceration of dorsal vein of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.211D	Laceration of dorsal vein of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.211S	Laceration of dorsal vein of right foot, sequela	Diagnosis	ICD-10-CM
S95.212	Laceration of dorsal vein of left foot	Diagnosis	ICD-10-CM
S95.212A	Laceration of dorsal vein of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.212D	Laceration of dorsal vein of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.212S	Laceration of dorsal vein of left foot, sequela	Diagnosis	ICD-10-CM
S95.219	Laceration of dorsal vein of unspecified foot	Diagnosis	ICD-10-CM
S95.219A	Laceration of dorsal vein of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.219D	Laceration of dorsal vein of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.219S	Laceration of dorsal vein of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.29	Other specified injury of dorsal vein of foot	Diagnosis	ICD-10-CM
S95.291	Other specified injury of dorsal vein of right foot	Diagnosis	ICD-10-CM
S95.291A	Other specified injury of dorsal vein of right foot, initial encounter	Diagnosis	ICD-10-CM
S95.291D	Other specified injury of dorsal vein of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.291S	Other specified injury of dorsal vein of right foot, sequela	Diagnosis	ICD-10-CM
S95.292	Other specified injury of dorsal vein of left foot	Diagnosis	ICD-10-CM
S95.292A	Other specified injury of dorsal vein of left foot, initial encounter	Diagnosis	ICD-10-CM
S95.292D	Other specified injury of dorsal vein of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.292S	Other specified injury of dorsal vein of left foot, sequela	Diagnosis	ICD-10-CM
S95.299	Other specified injury of dorsal vein of unspecified foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S95.299A	Other specified injury of dorsal vein of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S95.299D	Other specified injury of dorsal vein of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S95.299S	Other specified injury of dorsal vein of unspecified foot, sequela	Diagnosis	ICD-10-CM
S95.8	Injury of other blood vessels at ankle and foot level	Diagnosis	ICD-10-CM
S95.80	Unspecified injury of other blood vessels at ankle and foot level	Diagnosis	ICD-10-CM
S95.801	Unspecified injury of other blood vessels at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S95.801A	Unspecified injury of other blood vessels at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S95.801D	Unspecified injury of other blood vessels at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.801S	Unspecified injury of other blood vessels at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S95.802	Unspecified injury of other blood vessels at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S95.802A	Unspecified injury of other blood vessels at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S95.802D	Unspecified injury of other blood vessels at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.802S	Unspecified injury of other blood vessels at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95.809	Unspecified injury of other blood vessels at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S95.809A	Unspecified injury of other blood vessels at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S95.809D	Unspecified injury of other blood vessels at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.809S	Unspecified injury of other blood vessels at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S95.81	Laceration of other blood vessels at ankle and foot level	Diagnosis	ICD-10-CM
S95.811	Laceration of other blood vessels at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S95.811A	Laceration of other blood vessels at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S95.811D	Laceration of other blood vessels at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.811S	Laceration of other blood vessels at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S95.812	Laceration of other blood vessels at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S95.812A	Laceration of other blood vessels at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S95.812D	Laceration of other blood vessels at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.812S	Laceration of other blood vessels at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95.819	Laceration of other blood vessels at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S95.819A	Laceration of other blood vessels at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S95.819D	Laceration of other blood vessels at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.819S	Laceration of other blood vessels at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S95.89	Other specified injury of other blood vessels at ankle and foot level	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S95.891	Other specified injury of other blood vessels at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S95.891A	Other specified injury of other blood vessels at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S95.891D	Other specified injury of other blood vessels at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.891S	Other specified injury of other blood vessels at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S95.892	Other specified injury of other blood vessels at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S95.892A	Other specified injury of other blood vessels at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S95.892D	Other specified injury of other blood vessels at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.892S	Other specified injury of other blood vessels at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95.899	Other specified injury of other blood vessels at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S95.899A	Other specified injury of other blood vessels at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S95.899D	Other specified injury of other blood vessels at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.899S	Other specified injury of other blood vessels at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S95.9	Injury of unspecified blood vessel at ankle and foot level	Diagnosis	ICD-10-CM
S95.90	Unspecified injury of unspecified blood vessel at ankle and foot level	Diagnosis	ICD-10-CM
S95.901	Unspecified injury of unspecified blood vessel at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S95.901A	Unspecified injury of unspecified blood vessel at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S95.901D	Unspecified injury of unspecified blood vessel at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.901S	Unspecified injury of unspecified blood vessel at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S95.902	Unspecified injury of unspecified blood vessel at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S95.902A	Unspecified injury of unspecified blood vessel at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S95.902D	Unspecified injury of unspecified blood vessel at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.902S	Unspecified injury of unspecified blood vessel at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95.909	Unspecified injury of unspecified blood vessel at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S95.909A	Unspecified injury of unspecified blood vessel at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S95.909D	Unspecified injury of unspecified blood vessel at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S95.909S	Unspecified injury of unspecified blood vessel at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S95.91	Laceration of unspecified blood vessel at ankle and foot level	Diagnosis	ICD-10-CM
S95.911	Laceration of unspecified blood vessel at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S95.911A	Laceration of unspecified blood vessel at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S95.911D	Laceration of unspecified blood vessel at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.911S	Laceration of unspecified blood vessel at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S95.912	Laceration of unspecified blood vessel at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S95.912A	Laceration of unspecified blood vessel at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S95.912D	Laceration of unspecified blood vessel at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.912S	Laceration of unspecified blood vessel at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95.919	Laceration of unspecified blood vessel at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S95.919A	Laceration of unspecified blood vessel at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S95.919D	Laceration of unspecified blood vessel at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.919S	Laceration of unspecified blood vessel at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S95.99	Other specified injury of unspecified blood vessel at ankle and foot level	Diagnosis	ICD-10-CM
S95.991	Other specified injury of unspecified blood vessel at ankle and foot level, right leg	Diagnosis	ICD-10-CM
S95.991A	Other specified injury of unspecified blood vessel at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S95.991D	Other specified injury of unspecified blood vessel at ankle and foot level, right leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.991S	Other specified injury of unspecified blood vessel at ankle and foot level, right leg, sequela	Diagnosis	ICD-10-CM
S95.992	Other specified injury of unspecified blood vessel at ankle and foot level, left leg	Diagnosis	ICD-10-CM
S95.992A	Other specified injury of unspecified blood vessel at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S95.992D	Other specified injury of unspecified blood vessel at ankle and foot level, left leg, subsequent encounter	Diagnosis	ICD-10-CM
S95.992S	Other specified injury of unspecified blood vessel at ankle and foot level, left leg, sequela	Diagnosis	ICD-10-CM
S95.999	Other specified injury of unspecified blood vessel at ankle and foot level, unspecified leg	Diagnosis	ICD-10-CM
S95.999A	Other specified injury of unspecified blood vessel at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S95.999D	Other specified injury of unspecified blood vessel at ankle and foot level, unspecified leg, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S95.999S	Other specified injury of unspecified blood vessel at ankle and foot level, unspecified leg, sequela	Diagnosis	ICD-10-CM
S96	Injury of muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.0	Injury of muscle and tendon of long flexor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.00	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.001	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.001A	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.001D	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.001S	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.002	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.002A	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.002D	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.002S	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.009	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.009A	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.009D	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.009S	Unspecified injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.01	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.011	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.011A	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.011D	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.011S	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.012	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.012A	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.012D	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.012S	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.019	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.019A	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.019D	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.019S	Strain of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.02	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.021	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.021A	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.021D	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.021S	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.022	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.022A	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.022D	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.022S	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.029	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.029A	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.029D	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.029S	Laceration of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.09	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.091	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.091A	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.091D	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.091S	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.092	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.092A	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.092D	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.092S	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.099	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.099A	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.099D	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.099S	Other injury of muscle and tendon of long flexor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.1	Injury of muscle and tendon of long extensor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.10	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.101	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.101A	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.101D	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.101S	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.102	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.102A	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.102D	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.102S	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.109	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.109A	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.109D	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.109S	Unspecified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.11	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.111	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.111A	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.111D	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.111S	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.112	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.112A	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.112D	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.112S	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.119	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.119A	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.119D	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.119S	Strain of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.12	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.121	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.121A	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.121D	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.121S	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.122	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.122A	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.122D	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.122S	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.129	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.129A	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.129D	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.129S	Laceration of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.19	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level	Diagnosis	ICD-10-CM
S96.191	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.191A	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.191D	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.191S	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.192	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.192A	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.192D	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.192S	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.199	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.199A	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.199D	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.199S	Other specified injury of muscle and tendon of long extensor muscle of toe at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.2	Injury of intrinsic muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.20	Unspecified injury of intrinsic muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.201	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.201A	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.201D	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.201S	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.202	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.202A	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S96.202D	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.202S	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.209	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.209A	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.209D	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.209S	Unspecified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.21	Strain of intrinsic muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.211	Strain of intrinsic muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.211A	Strain of intrinsic muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.211D	Strain of intrinsic muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.211S	Strain of intrinsic muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.212	Strain of intrinsic muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.212A	Strain of intrinsic muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.212D	Strain of intrinsic muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.212S	Strain of intrinsic muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.219	Strain of intrinsic muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.219A	Strain of intrinsic muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.219D	Strain of intrinsic muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.219S	Strain of intrinsic muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.22	Laceration of intrinsic muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.221	Laceration of intrinsic muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.221A	Laceration of intrinsic muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.221D	Laceration of intrinsic muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.221S	Laceration of intrinsic muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.222	Laceration of intrinsic muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.222A	Laceration of intrinsic muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.222D	Laceration of intrinsic muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.222S	Laceration of intrinsic muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.229	Laceration of intrinsic muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.229A	Laceration of intrinsic muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.229D	Laceration of intrinsic muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.229S	Laceration of intrinsic muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.29	Other specified injury of intrinsic muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.291	Other specified injury of intrinsic muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.291A	Other specified injury of intrinsic muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.291D	Other specified injury of intrinsic muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.291S	Other specified injury of intrinsic muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.292	Other specified injury of intrinsic muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.292A	Other specified injury of intrinsic muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.292D	Other specified injury of intrinsic muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.292S	Other specified injury of intrinsic muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.299	Other specified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.299A	Other specified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.299D	Other specified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.299S	Other specified injury of intrinsic muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.8	Injury of other specified muscles and tendons at ankle and foot level	Diagnosis	ICD-10-CM
S96.80	Unspecified injury of other specified muscles and tendons at ankle and foot level	Diagnosis	ICD-10-CM
S96.801	Unspecified injury of other specified muscles and tendons at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.801A	Unspecified injury of other specified muscles and tendons at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.801D	Unspecified injury of other specified muscles and tendons at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.801S	Unspecified injury of other specified muscles and tendons at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.802	Unspecified injury of other specified muscles and tendons at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.802A	Unspecified injury of other specified muscles and tendons at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.802D	Unspecified injury of other specified muscles and tendons at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.802S	Unspecified injury of other specified muscles and tendons at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.809	Unspecified injury of other specified muscles and tendons at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.809A	Unspecified injury of other specified muscles and tendons at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.809D	Unspecified injury of other specified muscles and tendons at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.809S	Unspecified injury of other specified muscles and tendons at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.81	Strain of other specified muscles and tendons at ankle and foot level	Diagnosis	ICD-10-CM
S96.811	Strain of other specified muscles and tendons at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.811A	Strain of other specified muscles and tendons at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.811D	Strain of other specified muscles and tendons at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.811S	Strain of other specified muscles and tendons at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.812	Strain of other specified muscles and tendons at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.812A	Strain of other specified muscles and tendons at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.812D	Strain of other specified muscles and tendons at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.812S	Strain of other specified muscles and tendons at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.819	Strain of other specified muscles and tendons at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.819A	Strain of other specified muscles and tendons at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.819D	Strain of other specified muscles and tendons at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.819S	Strain of other specified muscles and tendons at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.82	Laceration of other specified muscles and tendons at ankle and foot level	Diagnosis	ICD-10-CM
S96.821	Laceration of other specified muscles and tendons at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.821A	Laceration of other specified muscles and tendons at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.821D	Laceration of other specified muscles and tendons at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.821S	Laceration of other specified muscles and tendons at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.822	Laceration of other specified muscles and tendons at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.822A	Laceration of other specified muscles and tendons at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.822D	Laceration of other specified muscles and tendons at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.822S	Laceration of other specified muscles and tendons at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.829	Laceration of other specified muscles and tendons at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.829A	Laceration of other specified muscles and tendons at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.829D	Laceration of other specified muscles and tendons at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.829S	Laceration of other specified muscles and tendons at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.89	Other specified injury of other specified muscles and tendons at ankle and foot level	Diagnosis	ICD-10-CM
S96.891	Other specified injury of other specified muscles and tendons at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.891A	Other specified injury of other specified muscles and tendons at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.891D	Other specified injury of other specified muscles and tendons at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.891S	Other specified injury of other specified muscles and tendons at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.892	Other specified injury of other specified muscles and tendons at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.892A	Other specified injury of other specified muscles and tendons at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.892D	Other specified injury of other specified muscles and tendons at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.892S	Other specified injury of other specified muscles and tendons at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.899	Other specified injury of other specified muscles and tendons at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.899A	Other specified injury of other specified muscles and tendons at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.899D	Other specified injury of other specified muscles and tendons at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.899S	Other specified injury of other specified muscles and tendons at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.9	Injury of unspecified muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.90	Unspecified injury of unspecified muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.901	Unspecified injury of unspecified muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.901A	Unspecified injury of unspecified muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.901D	Unspecified injury of unspecified muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.901S	Unspecified injury of unspecified muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.902	Unspecified injury of unspecified muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.902A	Unspecified injury of unspecified muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.902D	Unspecified injury of unspecified muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.902S	Unspecified injury of unspecified muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.909	Unspecified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.909A	Unspecified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.909D	Unspecified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.909S	Unspecified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.91	Strain of unspecified muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.911	Strain of unspecified muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.911A	Strain of unspecified muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.911D	Strain of unspecified muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.911S	Strain of unspecified muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.912	Strain of unspecified muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.912A	Strain of unspecified muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.912D	Strain of unspecified muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.912S	Strain of unspecified muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.919	Strain of unspecified muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.919A	Strain of unspecified muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.919D	Strain of unspecified muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.919S	Strain of unspecified muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.92	Laceration of unspecified muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.921	Laceration of unspecified muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.921A	Laceration of unspecified muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.921D	Laceration of unspecified muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.921S	Laceration of unspecified muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.922	Laceration of unspecified muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.922A	Laceration of unspecified muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.922D	Laceration of unspecified muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.922S	Laceration of unspecified muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM
S96.929	Laceration of unspecified muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.929A	Laceration of unspecified muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.929D	Laceration of unspecified muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.929S	Laceration of unspecified muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S96.99	Other specified injury of unspecified muscle and tendon at ankle and foot level	Diagnosis	ICD-10-CM
S96.991	Other specified injury of unspecified muscle and tendon at ankle and foot level, right foot	Diagnosis	ICD-10-CM
S96.991A	Other specified injury of unspecified muscle and tendon at ankle and foot level, right foot, initial encounter	Diagnosis	ICD-10-CM
S96.991D	Other specified injury of unspecified muscle and tendon at ankle and foot level, right foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.991S	Other specified injury of unspecified muscle and tendon at ankle and foot level, right foot, sequela	Diagnosis	ICD-10-CM
S96.992	Other specified injury of unspecified muscle and tendon at ankle and foot level, left foot	Diagnosis	ICD-10-CM
S96.992A	Other specified injury of unspecified muscle and tendon at ankle and foot level, left foot, initial encounter	Diagnosis	ICD-10-CM
S96.992D	Other specified injury of unspecified muscle and tendon at ankle and foot level, left foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.992S	Other specified injury of unspecified muscle and tendon at ankle and foot level, left foot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S96.999	Other specified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot	Diagnosis	ICD-10-CM
S96.999A	Other specified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S96.999D	Other specified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S96.999S	Other specified injury of unspecified muscle and tendon at ankle and foot level, unspecified foot, sequela	Diagnosis	ICD-10-CM
S97	Crushing injury of ankle and foot	Diagnosis	ICD-10-CM
S97.0	Crushing injury of ankle	Diagnosis	ICD-10-CM
S97.00	Crushing injury of unspecified ankle	Diagnosis	ICD-10-CM
S97.00XA	Crushing injury of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S97.00XD	Crushing injury of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S97.00XS	Crushing injury of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S97.01	Crushing injury of right ankle	Diagnosis	ICD-10-CM
S97.01XA	Crushing injury of right ankle, initial encounter	Diagnosis	ICD-10-CM
S97.01XD	Crushing injury of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S97.01XS	Crushing injury of right ankle, sequela	Diagnosis	ICD-10-CM
S97.02	Crushing injury of left ankle	Diagnosis	ICD-10-CM
S97.02XA	Crushing injury of left ankle, initial encounter	Diagnosis	ICD-10-CM
S97.02XD	Crushing injury of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S97.02XS	Crushing injury of left ankle, sequela	Diagnosis	ICD-10-CM
S97.1	Crushing injury of toe	Diagnosis	ICD-10-CM
S97.10	Crushing injury of unspecified toe(s)	Diagnosis	ICD-10-CM
S97.101	Crushing injury of unspecified right toe(s)	Diagnosis	ICD-10-CM
S97.101A	Crushing injury of unspecified right toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.101D	Crushing injury of unspecified right toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S97.101S	Crushing injury of unspecified right toe(s), sequela	Diagnosis	ICD-10-CM
S97.102	Crushing injury of unspecified left toe(s)	Diagnosis	ICD-10-CM
S97.102A	Crushing injury of unspecified left toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.102D	Crushing injury of unspecified left toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S97.102S	Crushing injury of unspecified left toe(s), sequela	Diagnosis	ICD-10-CM
S97.109	Crushing injury of unspecified toe(s)	Diagnosis	ICD-10-CM
S97.109A	Crushing injury of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.109D	Crushing injury of unspecified toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S97.109S	Crushing injury of unspecified toe(s), sequela	Diagnosis	ICD-10-CM
S97.11	Crushing injury of great toe	Diagnosis	ICD-10-CM
S97.111	Crushing injury of right great toe	Diagnosis	ICD-10-CM
S97.111A	Crushing injury of right great toe, initial encounter	Diagnosis	ICD-10-CM
S97.111D	Crushing injury of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S97.111S	Crushing injury of right great toe, sequela	Diagnosis	ICD-10-CM
S97.112	Crushing injury of left great toe	Diagnosis	ICD-10-CM
S97.112A	Crushing injury of left great toe, initial encounter	Diagnosis	ICD-10-CM
S97.112D	Crushing injury of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S97.112S	Crushing injury of left great toe, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S97.119	Crushing injury of unspecified great toe	Diagnosis	ICD-10-CM
S97.119A	Crushing injury of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S97.119D	Crushing injury of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S97.119S	Crushing injury of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S97.12	Crushing injury of lesser toe(s)	Diagnosis	ICD-10-CM
S97.121	Crushing injury of right lesser toe(s)	Diagnosis	ICD-10-CM
S97.121A	Crushing injury of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.121D	Crushing injury of right lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S97.121S	Crushing injury of right lesser toe(s), sequela	Diagnosis	ICD-10-CM
S97.122	Crushing injury of left lesser toe(s)	Diagnosis	ICD-10-CM
S97.122A	Crushing injury of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.122D	Crushing injury of left lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S97.122S	Crushing injury of left lesser toe(s), sequela	Diagnosis	ICD-10-CM
S97.129	Crushing injury of unspecified lesser toe(s)	Diagnosis	ICD-10-CM
S97.129A	Crushing injury of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.129D	Crushing injury of unspecified lesser toe(s), subsequent encounter	Diagnosis	ICD-10-CM
S97.129S	Crushing injury of unspecified lesser toe(s), sequela	Diagnosis	ICD-10-CM
S97.8	Crushing injury of foot	Diagnosis	ICD-10-CM
S97.80	Crushing injury of unspecified foot	Diagnosis	ICD-10-CM
S97.80XA	Crushing injury of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S97.80XD	Crushing injury of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S97.80XS	Crushing injury of unspecified foot, sequela	Diagnosis	ICD-10-CM
S97.81	Crushing injury of right foot	Diagnosis	ICD-10-CM
S97.81XA	Crushing injury of right foot, initial encounter	Diagnosis	ICD-10-CM
S97.81XD	Crushing injury of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S97.81XS	Crushing injury of right foot, sequela	Diagnosis	ICD-10-CM
S97.82	Crushing injury of left foot	Diagnosis	ICD-10-CM
S97.82XA	Crushing injury of left foot, initial encounter	Diagnosis	ICD-10-CM
S97.82XD	Crushing injury of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S97.82XS	Crushing injury of left foot, sequela	Diagnosis	ICD-10-CM
S98	Traumatic amputation of ankle and foot	Diagnosis	ICD-10-CM
S98.0	Traumatic amputation of foot at ankle level	Diagnosis	ICD-10-CM
S98.01	Complete traumatic amputation of foot at ankle level	Diagnosis	ICD-10-CM
S98.011	Complete traumatic amputation of right foot at ankle level	Diagnosis	ICD-10-CM
S98.011A	Complete traumatic amputation of right foot at ankle level, initial encounter	Diagnosis	ICD-10-CM
S98.011D	Complete traumatic amputation of right foot at ankle level, subsequent	Diagnosis	ICD-10-CM
S98.011S	Complete traumatic amputation of right foot at ankle level, sequela	Diagnosis	ICD-10-CM
S98.012	Complete traumatic amputation of left foot at ankle level	Diagnosis	ICD-10-CM
S98.012A	Complete traumatic amputation of left foot at ankle level, initial encounter	Diagnosis	ICD-10-CM
S98.012D	Complete traumatic amputation of left foot at ankle level, subsequent encounter	Diagnosis	ICD-10-CM
S98.012S	Complete traumatic amputation of left foot at ankle level, sequela	Diagnosis	ICD-10-CM
S98.019	Complete traumatic amputation of unspecified foot at ankle level	Diagnosis	ICD-10-CM
S98.019A	Complete traumatic amputation of unspecified foot at ankle level, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S98.019D	Complete traumatic amputation of unspecified foot at ankle level, subsequent encounter	Diagnosis	ICD-10-CM
S98.019S	Complete traumatic amputation of unspecified foot at ankle level, sequela	Diagnosis	ICD-10-CM
S98.02	Partial traumatic amputation of foot at ankle level	Diagnosis	ICD-10-CM
S98.021	Partial traumatic amputation of right foot at ankle level	Diagnosis	ICD-10-CM
S98.021A	Partial traumatic amputation of right foot at ankle level, initial encounter	Diagnosis	ICD-10-CM
S98.021D	Partial traumatic amputation of right foot at ankle level, subsequent encounter	Diagnosis	ICD-10-CM
S98.021S	Partial traumatic amputation of right foot at ankle level, sequela	Diagnosis	ICD-10-CM
S98.022	Partial traumatic amputation of left foot at ankle level	Diagnosis	ICD-10-CM
S98.022A	Partial traumatic amputation of left foot at ankle level, initial encounter	Diagnosis	ICD-10-CM
S98.022D	Partial traumatic amputation of left foot at ankle level, subsequent encounter	Diagnosis	ICD-10-CM
S98.022S	Partial traumatic amputation of left foot at ankle level, sequela	Diagnosis	ICD-10-CM
S98.029	Partial traumatic amputation of unspecified foot at ankle level	Diagnosis	ICD-10-CM
S98.029A	Partial traumatic amputation of unspecified foot at ankle level, initial encounter	Diagnosis	ICD-10-CM
S98.029D	Partial traumatic amputation of unspecified foot at ankle level, subsequent encounter	Diagnosis	ICD-10-CM
S98.029S	Partial traumatic amputation of unspecified foot at ankle level, sequela	Diagnosis	ICD-10-CM
S98.1	Traumatic amputation of one toe	Diagnosis	ICD-10-CM
S98.11	Complete traumatic amputation of great toe	Diagnosis	ICD-10-CM
S98.111	Complete traumatic amputation of right great toe	Diagnosis	ICD-10-CM
S98.111A	Complete traumatic amputation of right great toe, initial encounter	Diagnosis	ICD-10-CM
S98.111D	Complete traumatic amputation of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.111S	Complete traumatic amputation of right great toe, sequela	Diagnosis	ICD-10-CM
S98.112	Complete traumatic amputation of left great toe	Diagnosis	ICD-10-CM
S98.112A	Complete traumatic amputation of left great toe, initial encounter	Diagnosis	ICD-10-CM
S98.112D	Complete traumatic amputation of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.112S	Complete traumatic amputation of left great toe, sequela	Diagnosis	ICD-10-CM
S98.119	Complete traumatic amputation of unspecified great toe	Diagnosis	ICD-10-CM
S98.119A	Complete traumatic amputation of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S98.119D	Complete traumatic amputation of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.119S	Complete traumatic amputation of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S98.12	Partial traumatic amputation of great toe	Diagnosis	ICD-10-CM
S98.121	Partial traumatic amputation of right great toe	Diagnosis	ICD-10-CM
S98.121A	Partial traumatic amputation of right great toe, initial encounter	Diagnosis	ICD-10-CM
S98.121D	Partial traumatic amputation of right great toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.121S	Partial traumatic amputation of right great toe, sequela	Diagnosis	ICD-10-CM
S98.122	Partial traumatic amputation of left great toe	Diagnosis	ICD-10-CM
S98.122A	Partial traumatic amputation of left great toe, initial encounter	Diagnosis	ICD-10-CM
S98.122D	Partial traumatic amputation of left great toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.122S	Partial traumatic amputation of left great toe, sequela	Diagnosis	ICD-10-CM
S98.129	Partial traumatic amputation of unspecified great toe	Diagnosis	ICD-10-CM
S98.129A	Partial traumatic amputation of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S98.129D	Partial traumatic amputation of unspecified great toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.129S	Partial traumatic amputation of unspecified great toe, sequela	Diagnosis	ICD-10-CM
S98.13	Complete traumatic amputation of one lesser toe	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S98.131	Complete traumatic amputation of one right lesser toe	Diagnosis	ICD-10-CM
S98.131A	Complete traumatic amputation of one right lesser toe, initial encounter	Diagnosis	ICD-10-CM
S98.131D	Complete traumatic amputation of one right lesser toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.131S	Complete traumatic amputation of one right lesser toe, sequela	Diagnosis	ICD-10-CM
S98.132	Complete traumatic amputation of one left lesser toe	Diagnosis	ICD-10-CM
S98.132A	Complete traumatic amputation of one left lesser toe, initial encounter	Diagnosis	ICD-10-CM
S98.132D	Complete traumatic amputation of one left lesser toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.132S	Complete traumatic amputation of one left lesser toe, sequela	Diagnosis	ICD-10-CM
S98.139	Complete traumatic amputation of one unspecified lesser toe	Diagnosis	ICD-10-CM
S98.139A	Complete traumatic amputation of one unspecified lesser toe, initial encounter	Diagnosis	ICD-10-CM
S98.139D	Complete traumatic amputation of one unspecified lesser toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.139S	Complete traumatic amputation of one unspecified lesser toe, sequela	Diagnosis	ICD-10-CM
S98.14	Partial traumatic amputation of one lesser toe	Diagnosis	ICD-10-CM
S98.141	Partial traumatic amputation of one right lesser toe	Diagnosis	ICD-10-CM
S98.141A	Partial traumatic amputation of one right lesser toe, initial encounter	Diagnosis	ICD-10-CM
S98.141D	Partial traumatic amputation of one right lesser toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.141S	Partial traumatic amputation of one right lesser toe, sequela	Diagnosis	ICD-10-CM
S98.142	Partial traumatic amputation of one left lesser toe	Diagnosis	ICD-10-CM
S98.142A	Partial traumatic amputation of one left lesser toe, initial encounter	Diagnosis	ICD-10-CM
S98.142D	Partial traumatic amputation of one left lesser toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.142S	Partial traumatic amputation of one left lesser toe, sequela	Diagnosis	ICD-10-CM
S98.149	Partial traumatic amputation of one unspecified lesser toe	Diagnosis	ICD-10-CM
S98.149A	Partial traumatic amputation of one unspecified lesser toe, initial encounter	Diagnosis	ICD-10-CM
S98.149D	Partial traumatic amputation of one unspecified lesser toe, subsequent encounter	Diagnosis	ICD-10-CM
S98.149S	Partial traumatic amputation of one unspecified lesser toe, sequela	Diagnosis	ICD-10-CM
S98.2	Traumatic amputation of two or more lesser toes	Diagnosis	ICD-10-CM
S98.21	Complete traumatic amputation of two or more lesser toes	Diagnosis	ICD-10-CM
S98.211	Complete traumatic amputation of two or more right lesser toes	Diagnosis	ICD-10-CM
S98.211A	Complete traumatic amputation of two or more right lesser toes, initial encounter	Diagnosis	ICD-10-CM
S98.211D	Complete traumatic amputation of two or more right lesser toes, subsequent encounter	Diagnosis	ICD-10-CM
S98.211S	Complete traumatic amputation of two or more right lesser toes, sequela	Diagnosis	ICD-10-CM
S98.212	Complete traumatic amputation of two or more left lesser toes	Diagnosis	ICD-10-CM
S98.212A	Complete traumatic amputation of two or more left lesser toes, initial encounter	Diagnosis	ICD-10-CM
S98.212D	Complete traumatic amputation of two or more left lesser toes, subsequent encounter	Diagnosis	ICD-10-CM
S98.212S	Complete traumatic amputation of two or more left lesser toes, sequela	Diagnosis	ICD-10-CM
S98.219	Complete traumatic amputation of two or more unspecified lesser toes	Diagnosis	ICD-10-CM
S98.219A	Complete traumatic amputation of two or more unspecified lesser toes, initial encounter	Diagnosis	ICD-10-CM
S98.219D	Complete traumatic amputation of two or more unspecified lesser toes, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S98.219S	Complete traumatic amputation of two or more unspecified lesser toes, sequela	Diagnosis	ICD-10-CM
S98.22	Partial traumatic amputation of two or more lesser toes	Diagnosis	ICD-10-CM
S98.221	Partial traumatic amputation of two or more right lesser toes	Diagnosis	ICD-10-CM
S98.221A	Partial traumatic amputation of two or more right lesser toes, initial encounter	Diagnosis	ICD-10-CM
S98.221D	Partial traumatic amputation of two or more right lesser toes, subsequent encounter	Diagnosis	ICD-10-CM
S98.221S	Partial traumatic amputation of two or more right lesser toes, sequela	Diagnosis	ICD-10-CM
S98.222	Partial traumatic amputation of two or more left lesser toes	Diagnosis	ICD-10-CM
S98.222A	Partial traumatic amputation of two or more left lesser toes, initial encounter	Diagnosis	ICD-10-CM
S98.222D	Partial traumatic amputation of two or more left lesser toes, subsequent encounter	Diagnosis	ICD-10-CM
S98.222S	Partial traumatic amputation of two or more left lesser toes, sequela	Diagnosis	ICD-10-CM
S98.229	Partial traumatic amputation of two or more unspecified lesser toes	Diagnosis	ICD-10-CM
S98.229A	Partial traumatic amputation of two or more unspecified lesser toes, initial encounter	Diagnosis	ICD-10-CM
S98.229D	Partial traumatic amputation of two or more unspecified lesser toes, subsequent encounter	Diagnosis	ICD-10-CM
S98.229S	Partial traumatic amputation of two or more unspecified lesser toes, sequela	Diagnosis	ICD-10-CM
S98.3	Traumatic amputation of midfoot	Diagnosis	ICD-10-CM
S98.31	Complete traumatic amputation of midfoot	Diagnosis	ICD-10-CM
S98.311	Complete traumatic amputation of right midfoot	Diagnosis	ICD-10-CM
S98.311A	Complete traumatic amputation of right midfoot, initial encounter	Diagnosis	ICD-10-CM
S98.311D	Complete traumatic amputation of right midfoot, subsequent encounter	Diagnosis	ICD-10-CM
S98.311S	Complete traumatic amputation of right midfoot, sequela	Diagnosis	ICD-10-CM
S98.312	Complete traumatic amputation of left midfoot	Diagnosis	ICD-10-CM
S98.312A	Complete traumatic amputation of left midfoot, initial encounter	Diagnosis	ICD-10-CM
S98.312D	Complete traumatic amputation of left midfoot, subsequent encounter	Diagnosis	ICD-10-CM
S98.312S	Complete traumatic amputation of left midfoot, sequela	Diagnosis	ICD-10-CM
S98.319	Complete traumatic amputation of unspecified midfoot	Diagnosis	ICD-10-CM
S98.319A	Complete traumatic amputation of unspecified midfoot, initial encounter	Diagnosis	ICD-10-CM
S98.319D	Complete traumatic amputation of unspecified midfoot, subsequent encounter	Diagnosis	ICD-10-CM
S98.319S	Complete traumatic amputation of unspecified midfoot, sequela	Diagnosis	ICD-10-CM
S98.32	Partial traumatic amputation of midfoot	Diagnosis	ICD-10-CM
S98.321	Partial traumatic amputation of right midfoot	Diagnosis	ICD-10-CM
S98.321A	Partial traumatic amputation of right midfoot, initial encounter	Diagnosis	ICD-10-CM
S98.321D	Partial traumatic amputation of right midfoot, subsequent encounter	Diagnosis	ICD-10-CM
S98.321S	Partial traumatic amputation of right midfoot, sequela	Diagnosis	ICD-10-CM
S98.322	Partial traumatic amputation of left midfoot	Diagnosis	ICD-10-CM
S98.322A	Partial traumatic amputation of left midfoot, initial encounter	Diagnosis	ICD-10-CM
S98.322D	Partial traumatic amputation of left midfoot, subsequent encounter	Diagnosis	ICD-10-CM
S98.322S	Partial traumatic amputation of left midfoot, sequela	Diagnosis	ICD-10-CM
S98.329	Partial traumatic amputation of unspecified midfoot	Diagnosis	ICD-10-CM
S98.329A	Partial traumatic amputation of unspecified midfoot, initial encounter	Diagnosis	ICD-10-CM
S98.329D	Partial traumatic amputation of unspecified midfoot, subsequent encounter	Diagnosis	ICD-10-CM
S98.329S	Partial traumatic amputation of unspecified midfoot, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S98.9	Traumatic amputation of foot, level unspecified	Diagnosis	ICD-10-CM
S98.91	Complete traumatic amputation of foot, level unspecified	Diagnosis	ICD-10-CM
S98.911	Complete traumatic amputation of right foot, level unspecified	Diagnosis	ICD-10-CM
S98.911A	Complete traumatic amputation of right foot, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S98.911D	Complete traumatic amputation of right foot, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S98.911S	Complete traumatic amputation of right foot, level unspecified, sequela	Diagnosis	ICD-10-CM
S98.912	Complete traumatic amputation of left foot, level unspecified	Diagnosis	ICD-10-CM
S98.912A	Complete traumatic amputation of left foot, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S98.912D	Complete traumatic amputation of left foot, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S98.912S	Complete traumatic amputation of left foot, level unspecified, sequela	Diagnosis	ICD-10-CM
S98.919	Complete traumatic amputation of unspecified foot, level unspecified	Diagnosis	ICD-10-CM
S98.919A	Complete traumatic amputation of unspecified foot, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S98.919D	Complete traumatic amputation of unspecified foot, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S98.919S	Complete traumatic amputation of unspecified foot, level unspecified, sequela	Diagnosis	ICD-10-CM
S98.92	Partial traumatic amputation of foot, level unspecified	Diagnosis	ICD-10-CM
S98.921	Partial traumatic amputation of right foot, level unspecified	Diagnosis	ICD-10-CM
S98.921A	Partial traumatic amputation of right foot, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S98.921D	Partial traumatic amputation of right foot, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S98.921S	Partial traumatic amputation of right foot, level unspecified, sequela	Diagnosis	ICD-10-CM
S98.922	Partial traumatic amputation of left foot, level unspecified	Diagnosis	ICD-10-CM
S98.922A	Partial traumatic amputation of left foot, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S98.922D	Partial traumatic amputation of left foot, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S98.922S	Partial traumatic amputation of left foot, level unspecified, sequela	Diagnosis	ICD-10-CM
S98.929	Partial traumatic amputation of unspecified foot, level unspecified	Diagnosis	ICD-10-CM
S98.929A	Partial traumatic amputation of unspecified foot, level unspecified, initial encounter	Diagnosis	ICD-10-CM
S98.929D	Partial traumatic amputation of unspecified foot, level unspecified, subsequent encounter	Diagnosis	ICD-10-CM
S98.929S	Partial traumatic amputation of unspecified foot, level unspecified, sequela	Diagnosis	ICD-10-CM
S99	Other and unspecified injuries of ankle and foot	Diagnosis	ICD-10-CM
S99.0	Physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.00	Unspecified physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.001	Unspecified physeal fracture of right calcaneus	Diagnosis	ICD-10-CM
S99.001A	Unspecified physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.001B	Unspecified physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.001D	Unspecified physeal fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.001G	Unspecified physeal fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.001K	Unspecified physeal fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.001P	Unspecified physeal fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.001S	Unspecified physeal fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S99.002	Unspecified physeal fracture of left calcaneus	Diagnosis	ICD-10-CM
S99.002A	Unspecified physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.002B	Unspecified physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.002D	Unspecified physeal fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.002G	Unspecified physeal fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.002K	Unspecified physeal fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.002P	Unspecified physeal fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.002S	Unspecified physeal fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S99.009	Unspecified physeal fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S99.009A	Unspecified physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.009B	Unspecified physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.009D	Unspecified physeal fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.009G	Unspecified physeal fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.009K	Unspecified physeal fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.009P	Unspecified physeal fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.009S	Unspecified physeal fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S99.01	Salter-Harris Type I physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.011	Salter-Harris Type I physeal fracture of right calcaneus	Diagnosis	ICD-10-CM
S99.011A	Salter-Harris Type I physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.011B	Salter-Harris Type I physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.011D	Salter-Harris Type I physeal fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.011G	Salter-Harris Type I physeal fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.011K	Salter-Harris Type I physeal fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.011P	Salter-Harris Type I physeal fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.011S	Salter-Harris Type I physeal fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S99.012	Salter-Harris Type I physeal fracture of left calcaneus	Diagnosis	ICD-10-CM
S99.012A	Salter-Harris Type I physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.012B	Salter-Harris Type I physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.012D	Salter-Harris Type I physeal fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.012G	Salter-Harris Type I physeal fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.012K	Salter-Harris Type I physeal fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.012P	Salter-Harris Type I physeal fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.012S	Salter-Harris Type I physeal fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S99.019	Salter-Harris Type I physeal fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S99.019A	Salter-Harris Type I physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.019B	Salter-Harris Type I physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.019D	Salter-Harris Type I physeal fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.019G	Salter-Harris Type I physeal fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.019K	Salter-Harris Type I physeal fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.019P	Salter-Harris Type I physeal fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.019S	Salter-Harris Type I physeal fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S99.02	Salter-Harris Type II physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.021	Salter-Harris Type II physeal fracture of right calcaneus	Diagnosis	ICD-10-CM
S99.021A	Salter-Harris Type II physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.021B	Salter-Harris Type II physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.021D	Salter-Harris Type II physeal fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.021G	Salter-Harris Type II physeal fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.021K	Salter-Harris Type II physeal fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.021P	Salter-Harris Type II physeal fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.021S	Salter-Harris Type II physeal fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S99.022	Salter-Harris Type II physeal fracture of left calcaneus	Diagnosis	ICD-10-CM
S99.022A	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.022B	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.022D	Salter-Harris Type II physeal fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.022G	Salter-Harris Type II physeal fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.022K	Salter-Harris Type II physeal fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.022P	Salter-Harris Type II physeal fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.022S	Salter-Harris Type II physeal fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S99.029	Salter-Harris Type II physeal fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S99.029A	Salter-Harris Type II physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.029B	Salter-Harris Type II physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.029D	Salter-Harris Type II physeal fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.029G	Salter-Harris Type II physeal fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.029K	Salter-Harris Type II physeal fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.029P	Salter-Harris Type II physeal fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.029S	Salter-Harris Type II physeal fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S99.03	Salter-Harris Type III physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.031	Salter-Harris Type III physeal fracture of right calcaneus	Diagnosis	ICD-10-CM
S99.031A	Salter-Harris Type III physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.031B	Salter-Harris Type III physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.031D	Salter-Harris Type III physeal fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.031G	Salter-Harris Type III physeal fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.031K	Salter-Harris Type III physeal fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.031P	Salter-Harris Type III physeal fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.031S	Salter-Harris Type III physeal fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S99.032	Salter-Harris Type III physeal fracture of left calcaneus	Diagnosis	ICD-10-CM
S99.032A	Salter-Harris Type III physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.032B	Salter-Harris Type III physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.032D	Salter-Harris Type III physeal fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.032G	Salter-Harris Type III physeal fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.032K	Salter-Harris Type III physeal fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.032P	Salter-Harris Type III physeal fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.032S	Salter-Harris Type III physeal fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S99.039	Salter-Harris Type III physeal fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S99.039A	Salter-Harris Type III physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.039B	Salter-Harris Type III physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.039D	Salter-Harris Type III physeal fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.039G	Salter-Harris Type III physeal fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.039K	Salter-Harris Type III physeal fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.039P	Salter-Harris Type III physeal fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.039S	Salter-Harris Type III physeal fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S99.04	Salter-Harris Type IV physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.041	Salter-Harris Type IV physeal fracture of right calcaneus	Diagnosis	ICD-10-CM
S99.041A	Salter-Harris Type IV physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.041B	Salter-Harris Type IV physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.041D	Salter-Harris Type IV physeal fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.041G	Salter-Harris Type IV physeal fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.041K	Salter-Harris Type IV physeal fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.041P	Salter-Harris Type IV physeal fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.041S	Salter-Harris Type IV physeal fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S99.042	Salter-Harris Type IV physeal fracture of left calcaneus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S99.042A	Salter-Harris Type IV physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.042B	Salter-Harris Type IV physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.042D	Salter-Harris Type IV physeal fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.042G	Salter-Harris Type IV physeal fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.042K	Salter-Harris Type IV physeal fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.042P	Salter-Harris Type IV physeal fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.042S	Salter-Harris Type IV physeal fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S99.049	Salter-Harris Type IV physeal fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S99.049A	Salter-Harris Type IV physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.049B	Salter-Harris Type IV physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.049D	Salter-Harris Type IV physeal fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.049G	Salter-Harris Type IV physeal fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.049K	Salter-Harris Type IV physeal fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.049P	Salter-Harris Type IV physeal fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.049S	Salter-Harris Type IV physeal fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S99.09	Other physeal fracture of calcaneus	Diagnosis	ICD-10-CM
S99.091	Other physeal fracture of right calcaneus	Diagnosis	ICD-10-CM
S99.091A	Other physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.091B	Other physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.091D	Other physeal fracture of right calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.091G	Other physeal fracture of right calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.091K	Other physeal fracture of right calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.091P	Other physeal fracture of right calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.091S	Other physeal fracture of right calcaneus, sequela	Diagnosis	ICD-10-CM
S99.092	Other physeal fracture of left calcaneus	Diagnosis	ICD-10-CM
S99.092A	Other physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.092B	Other physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.092D	Other physeal fracture of left calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.092G	Other physeal fracture of left calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.092K	Other physeal fracture of left calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.092P	Other physeal fracture of left calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.092S	Other physeal fracture of left calcaneus, sequela	Diagnosis	ICD-10-CM
S99.099	Other physeal fracture of unspecified calcaneus	Diagnosis	ICD-10-CM
S99.099A	Other physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.099B	Other physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.099D	Other physeal fracture of unspecified calcaneus, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.099G	Other physeal fracture of unspecified calcaneus, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.099K	Other physeal fracture of unspecified calcaneus, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.099P	Other physeal fracture of unspecified calcaneus, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.099S	Other physeal fracture of unspecified calcaneus, sequela	Diagnosis	ICD-10-CM
S99.1	Physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.10	Unspecified physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.101	Unspecified physeal fracture of right metatarsal	Diagnosis	ICD-10-CM
S99.101A	Unspecified physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.101B	Unspecified physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.101D	Unspecified physeal fracture of right metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.101G	Unspecified physeal fracture of right metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.101K	Unspecified physeal fracture of right metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.101P	Unspecified physeal fracture of right metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.101S	Unspecified physeal fracture of right metatarsal, sequela	Diagnosis	ICD-10-CM
S99.102	Unspecified physeal fracture of left metatarsal	Diagnosis	ICD-10-CM
S99.102A	Unspecified physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.102B	Unspecified physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.102D	Unspecified physeal fracture of left metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.102G	Unspecified physeal fracture of left metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.102K	Unspecified physeal fracture of left metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.102P	Unspecified physeal fracture of left metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.102S	Unspecified physeal fracture of left metatarsal, sequela	Diagnosis	ICD-10-CM
S99.109	Unspecified physeal fracture of unspecified metatarsal	Diagnosis	ICD-10-CM
S99.109A	Unspecified physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.109B	Unspecified physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.109D	Unspecified physeal fracture of unspecified metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.109G	Unspecified physeal fracture of unspecified metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.109K	Unspecified physeal fracture of unspecified metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.109P	Unspecified physeal fracture of unspecified metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.109S	Unspecified physeal fracture of unspecified metatarsal, sequela	Diagnosis	ICD-10-CM
S99.11	Salter-Harris Type I physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.111	Salter-Harris Type I physeal fracture of right metatarsal	Diagnosis	ICD-10-CM
S99.111A	Salter-Harris Type I physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.111B	Salter-Harris Type I physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.111D	Salter-Harris Type I physeal fracture of right metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.111G	Salter-Harris Type I physeal fracture of right metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.111K	Salter-Harris Type I physeal fracture of right metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.111P	Salter-Harris Type I physeal fracture of right metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.111S	Salter-Harris Type I physeal fracture of right metatarsal, sequela	Diagnosis	ICD-10-CM
S99.112	Salter-Harris Type I physeal fracture of left metatarsal	Diagnosis	ICD-10-CM
S99.112A	Salter-Harris Type I physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.112B	Salter-Harris Type I physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.112D	Salter-Harris Type I physeal fracture of left metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.112G	Salter-Harris Type I physeal fracture of left metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.112K	Salter-Harris Type I physeal fracture of left metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.112P	Salter-Harris Type I physeal fracture of left metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.112S	Salter-Harris Type I physeal fracture of left metatarsal, sequela	Diagnosis	ICD-10-CM
S99.119	Salter-Harris Type I physeal fracture of unspecified metatarsal	Diagnosis	ICD-10-CM
S99.119A	Salter-Harris Type I physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.119B	Salter-Harris Type I physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.119D	Salter-Harris Type I physeal fracture of unspecified metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.119G	Salter-Harris Type I physeal fracture of unspecified metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.119K	Salter-Harris Type I physeal fracture of unspecified metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.119P	Salter-Harris Type I physeal fracture of unspecified metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.119S	Salter-Harris Type I physeal fracture of unspecified metatarsal, sequela	Diagnosis	ICD-10-CM
S99.12	Salter-Harris Type II physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.121	Salter-Harris Type II physeal fracture of right metatarsal	Diagnosis	ICD-10-CM
S99.121A	Salter-Harris Type II physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.121B	Salter-Harris Type II physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.121D	Salter-Harris Type II physeal fracture of right metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.121G	Salter-Harris Type II physeal fracture of right metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.121K	Salter-Harris Type II physeal fracture of right metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.121P	Salter-Harris Type II physeal fracture of right metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.121S	Salter-Harris Type II physeal fracture of right metatarsal, sequela	Diagnosis	ICD-10-CM
S99.122	Salter-Harris Type II physeal fracture of left metatarsal	Diagnosis	ICD-10-CM
S99.122A	Salter-Harris Type II physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.122B	Salter-Harris Type II physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.122D	Salter-Harris Type II physeal fracture of left metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.122G	Salter-Harris Type II physeal fracture of left metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.122K	Salter-Harris Type II physeal fracture of left metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.122P	Salter-Harris Type II physeal fracture of left metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.122S	Salter-Harris Type II physeal fracture of left metatarsal, sequela	Diagnosis	ICD-10-CM
S99.129	Salter-Harris Type II physeal fracture of unspecified metatarsal	Diagnosis	ICD-10-CM
S99.129A	Salter-Harris Type II physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.129B	Salter-Harris Type II physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.129D	Salter-Harris Type II physeal fracture of unspecified metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.129G	Salter-Harris Type II physeal fracture of unspecified metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.129K	Salter-Harris Type II physeal fracture of unspecified metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.129P	Salter-Harris Type II physeal fracture of unspecified metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.129S	Salter-Harris Type II physeal fracture of unspecified metatarsal, sequela	Diagnosis	ICD-10-CM
S99.13	Salter-Harris Type III physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.131	Salter-Harris Type III physeal fracture of right metatarsal	Diagnosis	ICD-10-CM
S99.131A	Salter-Harris Type III physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.131B	Salter-Harris Type III physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.131D	Salter-Harris Type III physeal fracture of right metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.131G	Salter-Harris Type III physeal fracture of right metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.131K	Salter-Harris Type III physeal fracture of right metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.131P	Salter-Harris Type III physeal fracture of right metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.131S	Salter-Harris Type III physeal fracture of right metatarsal, sequela	Diagnosis	ICD-10-CM
S99.132	Salter-Harris Type III physeal fracture of left metatarsal	Diagnosis	ICD-10-CM
S99.132A	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.132B	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.132D	Salter-Harris Type III physeal fracture of left metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.132G	Salter-Harris Type III physeal fracture of left metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.132K	Salter-Harris Type III physeal fracture of left metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.132P	Salter-Harris Type III physeal fracture of left metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.132S	Salter-Harris Type III physeal fracture of left metatarsal, sequela	Diagnosis	ICD-10-CM
S99.139	Salter-Harris Type III physeal fracture of unspecified metatarsal	Diagnosis	ICD-10-CM
S99.139A	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.139B	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.139D	Salter-Harris Type III physeal fracture of unspecified metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.139G	Salter-Harris Type III physeal fracture of unspecified metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.139K	Salter-Harris Type III physeal fracture of unspecified metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.139P	Salter-Harris Type III physeal fracture of unspecified metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.139S	Salter-Harris Type III physeal fracture of unspecified metatarsal, sequela	Diagnosis	ICD-10-CM
S99.14	Salter-Harris Type IV physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.141	Salter-Harris Type IV physeal fracture of right metatarsal	Diagnosis	ICD-10-CM
S99.141A	Salter-Harris Type IV physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.141B	Salter-Harris Type IV physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.141D	Salter-Harris Type IV physeal fracture of right metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.141G	Salter-Harris Type IV physeal fracture of right metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.141K	Salter-Harris Type IV physeal fracture of right metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.141P	Salter-Harris Type IV physeal fracture of right metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.141S	Salter-Harris Type IV physeal fracture of right metatarsal, sequela	Diagnosis	ICD-10-CM
S99.142	Salter-Harris Type IV physeal fracture of left metatarsal	Diagnosis	ICD-10-CM
S99.142A	Salter-Harris Type IV physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.142B	Salter-Harris Type IV physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.142D	Salter-Harris Type IV physeal fracture of left metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.142G	Salter-Harris Type IV physeal fracture of left metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.142K	Salter-Harris Type IV physeal fracture of left metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.142P	Salter-Harris Type IV physeal fracture of left metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.142S	Salter-Harris Type IV physeal fracture of left metatarsal, sequela	Diagnosis	ICD-10-CM
S99.149	Salter-Harris Type IV physeal fracture of unspecified metatarsal	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.149A	Salter-Harris Type IV physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.149B	Salter-Harris Type IV physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.149D	Salter-Harris Type IV physeal fracture of unspecified metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.149G	Salter-Harris Type IV physeal fracture of unspecified metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.149K	Salter-Harris Type IV physeal fracture of unspecified metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.149P	Salter-Harris Type IV physeal fracture of unspecified metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.149S	Salter-Harris Type IV physeal fracture of unspecified metatarsal, sequela	Diagnosis	ICD-10-CM
S99.19	Other physeal fracture of metatarsal	Diagnosis	ICD-10-CM
S99.191	Other physeal fracture of right metatarsal	Diagnosis	ICD-10-CM
S99.191A	Other physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.191B	Other physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.191D	Other physeal fracture of right metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.191G	Other physeal fracture of right metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.191K	Other physeal fracture of right metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.191P	Other physeal fracture of right metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.191S	Other physeal fracture of right metatarsal, sequela	Diagnosis	ICD-10-CM
S99.192	Other physeal fracture of left metatarsal	Diagnosis	ICD-10-CM
S99.192A	Other physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.192B	Other physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.192D	Other physeal fracture of left metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.192G	Other physeal fracture of left metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.192K	Other physeal fracture of left metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.192P	Other physeal fracture of left metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.192S	Other physeal fracture of left metatarsal, sequela	Diagnosis	ICD-10-CM
S99.199	Other physeal fracture of unspecified metatarsal	Diagnosis	ICD-10-CM
S99.199A	Other physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.199B	Other physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.199D	Other physeal fracture of unspecified metatarsal, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.199G	Other physeal fracture of unspecified metatarsal, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.199K	Other physeal fracture of unspecified metatarsal, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.199P	Other physeal fracture of unspecified metatarsal, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.199S	Other physeal fracture of unspecified metatarsal, sequela	Diagnosis	ICD-10-CM
S99.2	Physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM
S99.20	Unspecified physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM
S99.201	Unspecified physeal fracture of phalanx of right toe	Diagnosis	ICD-10-CM
S99.201A	Unspecified physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.201B	Unspecified physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.201D	Unspecified physeal fracture of phalanx of right toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.201G	Unspecified physeal fracture of phalanx of right toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.201K	Unspecified physeal fracture of phalanx of right toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.201P	Unspecified physeal fracture of phalanx of right toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.201S	Unspecified physeal fracture of phalanx of right toe, sequela	Diagnosis	ICD-10-CM
S99.202	Unspecified physeal fracture of phalanx of left toe	Diagnosis	ICD-10-CM
S99.202A	Unspecified physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.202B	Unspecified physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.202D	Unspecified physeal fracture of phalanx of left toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.202G	Unspecified physeal fracture of phalanx of left toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.202K	Unspecified physeal fracture of phalanx of left toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.202P	Unspecified physeal fracture of phalanx of left toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.202S	Unspecified physeal fracture of phalanx of left toe, sequela	Diagnosis	ICD-10-CM
S99.209	Unspecified physeal fracture of phalanx of unspecified toe	Diagnosis	ICD-10-CM
S99.209A	Unspecified physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.209B	Unspecified physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.209D	Unspecified physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.209G	Unspecified physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.209K	Unspecified physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.209P	Unspecified physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.209S	Unspecified physeal fracture of phalanx of unspecified toe, sequela	Diagnosis	ICD-10-CM
S99.21	Salter-Harris Type I physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM
S99.211	Salter-Harris Type I physeal fracture of phalanx of right toe	Diagnosis	ICD-10-CM
S99.211A	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.211B	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.211D	Salter-Harris Type I physeal fracture of phalanx of right toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.211G	Salter-Harris Type I physeal fracture of phalanx of right toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.211K	Salter-Harris Type I physeal fracture of phalanx of right toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.211P	Salter-Harris Type I physeal fracture of phalanx of right toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.211S	Salter-Harris Type I physeal fracture of phalanx of right toe, sequela	Diagnosis	ICD-10-CM
S99.212	Salter-Harris Type I physeal fracture of phalanx of left toe	Diagnosis	ICD-10-CM
S99.212A	Salter-Harris Type I physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.212B	Salter-Harris Type I physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.212D	Salter-Harris Type I physeal fracture of phalanx of left toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.212G	Salter-Harris Type I physeal fracture of phalanx of left toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.212K	Salter-Harris Type I physeal fracture of phalanx of left toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.212P	Salter-Harris Type I physeal fracture of phalanx of left toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.212S	Salter-Harris Type I physeal fracture of phalanx of left toe, sequela	Diagnosis	ICD-10-CM
S99.219	Salter-Harris Type I physeal fracture of phalanx of unspecified toe	Diagnosis	ICD-10-CM
S99.219A	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.219B	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.219D	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.219G	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.219K	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.219P	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.219S	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, sequela	Diagnosis	ICD-10-CM
S99.22	Salter-Harris Type II physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM
S99.221	Salter-Harris Type II physeal fracture of phalanx of right toe	Diagnosis	ICD-10-CM
S99.221A	Salter-Harris Type II physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.221B	Salter-Harris Type II physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.221D	Salter-Harris Type II physeal fracture of phalanx of right toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.221G	Salter-Harris Type II physeal fracture of phalanx of right toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.221K	Salter-Harris Type II physeal fracture of phalanx of right toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.221P	Salter-Harris Type II physeal fracture of phalanx of right toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.221S	Salter-Harris Type II physeal fracture of phalanx of right toe, sequela	Diagnosis	ICD-10-CM
S99.222	Salter-Harris Type II physeal fracture of phalanx of left toe	Diagnosis	ICD-10-CM
S99.222A	Salter-Harris Type II physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.222B	Salter-Harris Type II physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.222D	Salter-Harris Type II physeal fracture of phalanx of left toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.222G	Salter-Harris Type II physeal fracture of phalanx of left toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.222K	Salter-Harris Type II physeal fracture of phalanx of left toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.222P	Salter-Harris Type II physeal fracture of phalanx of left toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.222S	Salter-Harris Type II physeal fracture of phalanx of left toe, sequela	Diagnosis	ICD-10-CM
S99.229	Salter-Harris Type II physeal fracture of phalanx of unspecified toe	Diagnosis	ICD-10-CM
S99.229A	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.229B	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.229D	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.229G	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.229K	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.229P	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.229S	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, sequela	Diagnosis	ICD-10-CM
S99.23	Salter-Harris Type III physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM
S99.231	Salter-Harris Type III physeal fracture of phalanx of right toe	Diagnosis	ICD-10-CM
S99.231A	Salter-Harris Type III physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.231B	Salter-Harris Type III physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.231D	Salter-Harris Type III physeal fracture of phalanx of right toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.231G	Salter-Harris Type III physeal fracture of phalanx of right toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.231K	Salter-Harris Type III physeal fracture of phalanx of right toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.231P	Salter-Harris Type III physeal fracture of phalanx of right toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.231S	Salter-Harris Type III physeal fracture of phalanx of right toe, sequela	Diagnosis	ICD-10-CM
S99.232	Salter-Harris Type III physeal fracture of phalanx of left toe	Diagnosis	ICD-10-CM
S99.232A	Salter-Harris Type III physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.232B	Salter-Harris Type III physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.232D	Salter-Harris Type III physeal fracture of phalanx of left toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.232G	Salter-Harris Type III physeal fracture of phalanx of left toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.232K	Salter-Harris Type III physeal fracture of phalanx of left toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.232P	Salter-Harris Type III physeal fracture of phalanx of left toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.232S	Salter-Harris Type III physeal fracture of phalanx of left toe, sequela	Diagnosis	ICD-10-CM
S99.239	Salter-Harris Type III physeal fracture of phalanx of unspecified toe	Diagnosis	ICD-10-CM
S99.239A	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.239B	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.239D	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.239G	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.239K	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.239P	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.239S	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, sequela	Diagnosis	ICD-10-CM
S99.24	Salter-Harris Type IV physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM
S99.241	Salter-Harris Type IV physeal fracture of phalanx of right toe	Diagnosis	ICD-10-CM
S99.241A	Salter-Harris Type IV physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.241B	Salter-Harris Type IV physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.241D	Salter-Harris Type IV physeal fracture of phalanx of right toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.241G	Salter-Harris Type IV physeal fracture of phalanx of right toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.241K	Salter-Harris Type IV physeal fracture of phalanx of right toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.241P	Salter-Harris Type IV physeal fracture of phalanx of right toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.241S	Salter-Harris Type IV physeal fracture of phalanx of right toe, sequela	Diagnosis	ICD-10-CM
S99.242	Salter-Harris Type IV physeal fracture of phalanx of left toe	Diagnosis	ICD-10-CM
S99.242A	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.242B	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.242D	Salter-Harris Type IV physeal fracture of phalanx of left toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.242G	Salter-Harris Type IV physeal fracture of phalanx of left toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.242K	Salter-Harris Type IV physeal fracture of phalanx of left toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.242P	Salter-Harris Type IV physeal fracture of phalanx of left toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.242S	Salter-Harris Type IV physeal fracture of phalanx of left toe, sequela	Diagnosis	ICD-10-CM
S99.249	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe	Diagnosis	ICD-10-CM
S99.249A	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.249B	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.249D	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.249G	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.249K	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.249P	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.249S	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, sequela	Diagnosis	ICD-10-CM
S99.29	Other physeal fracture of phalanx of toe	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.291	Other physeal fracture of phalanx of right toe	Diagnosis	ICD-10-CM
S99.291A	Other physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.291B	Other physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.291D	Other physeal fracture of phalanx of right toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.291G	Other physeal fracture of phalanx of right toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.291K	Other physeal fracture of phalanx of right toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.291P	Other physeal fracture of phalanx of right toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.291S	Other physeal fracture of phalanx of right toe, sequela	Diagnosis	ICD-10-CM
S99.292	Other physeal fracture of phalanx of left toe	Diagnosis	ICD-10-CM
S99.292A	Other physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.292B	Other physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.292D	Other physeal fracture of phalanx of left toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.292G	Other physeal fracture of phalanx of left toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.292K	Other physeal fracture of phalanx of left toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.292P	Other physeal fracture of phalanx of left toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.292S	Other physeal fracture of phalanx of left toe, sequela	Diagnosis	ICD-10-CM
S99.299	Other physeal fracture of phalanx of unspecified toe	Diagnosis	ICD-10-CM
S99.299A	Other physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.299B	Other physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.299D	Other physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
S99.299G	Other physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
S99.299K	Other physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with nonunion	Diagnosis	ICD-10-CM
S99.299P	Other physeal fracture of phalanx of unspecified toe, subsequent encounter for fracture with malunion	Diagnosis	ICD-10-CM
S99.299S	Other physeal fracture of phalanx of unspecified toe, sequela	Diagnosis	ICD-10-CM
S99.8	Other specified injuries of ankle and foot	Diagnosis	ICD-10-CM
S99.81	Other specified injuries of ankle	Diagnosis	ICD-10-CM
S99.811	Other specified injuries of right ankle	Diagnosis	ICD-10-CM
S99.811A	Other specified injuries of right ankle, initial encounter	Diagnosis	ICD-10-CM
S99.811D	Other specified injuries of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S99.811S	Other specified injuries of right ankle, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.812	Other specified injuries of left ankle	Diagnosis	ICD-10-CM
S99.812A	Other specified injuries of left ankle, initial encounter	Diagnosis	ICD-10-CM
S99.812D	Other specified injuries of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S99.812S	Other specified injuries of left ankle, sequela	Diagnosis	ICD-10-CM
S99.819	Other specified injuries of unspecified ankle	Diagnosis	ICD-10-CM
S99.819A	Other specified injuries of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S99.819D	Other specified injuries of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S99.819S	Other specified injuries of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S99.82	Other specified injuries of foot	Diagnosis	ICD-10-CM
S99.821	Other specified injuries of right foot	Diagnosis	ICD-10-CM
S99.821A	Other specified injuries of right foot, initial encounter	Diagnosis	ICD-10-CM
S99.821D	Other specified injuries of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S99.821S	Other specified injuries of right foot, sequela	Diagnosis	ICD-10-CM
S99.822	Other specified injuries of left foot	Diagnosis	ICD-10-CM
S99.822A	Other specified injuries of left foot, initial encounter	Diagnosis	ICD-10-CM
S99.822D	Other specified injuries of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S99.822S	Other specified injuries of left foot, sequela	Diagnosis	ICD-10-CM
S99.829	Other specified injuries of unspecified foot	Diagnosis	ICD-10-CM
S99.829A	Other specified injuries of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S99.829D	Other specified injuries of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S99.829S	Other specified injuries of unspecified foot, sequela	Diagnosis	ICD-10-CM
S99.9	Unspecified injury of ankle and foot	Diagnosis	ICD-10-CM
S99.91	Unspecified injury of ankle	Diagnosis	ICD-10-CM
S99.911	Unspecified injury of right ankle	Diagnosis	ICD-10-CM
S99.911A	Unspecified injury of right ankle, initial encounter	Diagnosis	ICD-10-CM
S99.911D	Unspecified injury of right ankle, subsequent encounter	Diagnosis	ICD-10-CM
S99.911S	Unspecified injury of right ankle, sequela	Diagnosis	ICD-10-CM
S99.912	Unspecified injury of left ankle	Diagnosis	ICD-10-CM
S99.912A	Unspecified injury of left ankle, initial encounter	Diagnosis	ICD-10-CM
S99.912D	Unspecified injury of left ankle, subsequent encounter	Diagnosis	ICD-10-CM
S99.912S	Unspecified injury of left ankle, sequela	Diagnosis	ICD-10-CM
S99.919	Unspecified injury of unspecified ankle	Diagnosis	ICD-10-CM
S99.919A	Unspecified injury of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S99.919D	Unspecified injury of unspecified ankle, subsequent encounter	Diagnosis	ICD-10-CM
S99.919S	Unspecified injury of unspecified ankle, sequela	Diagnosis	ICD-10-CM
S99.92	Unspecified injury of foot	Diagnosis	ICD-10-CM
S99.921	Unspecified injury of right foot	Diagnosis	ICD-10-CM
S99.921A	Unspecified injury of right foot, initial encounter	Diagnosis	ICD-10-CM
S99.921D	Unspecified injury of right foot, subsequent encounter	Diagnosis	ICD-10-CM
S99.921S	Unspecified injury of right foot, sequela	Diagnosis	ICD-10-CM
S99.922	Unspecified injury of left foot	Diagnosis	ICD-10-CM
S99.922A	Unspecified injury of left foot, initial encounter	Diagnosis	ICD-10-CM
S99.922D	Unspecified injury of left foot, subsequent encounter	Diagnosis	ICD-10-CM
S99.922S	Unspecified injury of left foot, sequela	Diagnosis	ICD-10-CM
S99.929	Unspecified injury of unspecified foot	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
S99.929A	Unspecified injury of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S99.929D	Unspecified injury of unspecified foot, subsequent encounter	Diagnosis	ICD-10-CM
S99.929S	Unspecified injury of unspecified foot, sequela	Diagnosis	ICD-10-CM
T07	Unspecified multiple injuries	Diagnosis	ICD-10-CM
T07.XXXA	Unspecified multiple injuries, initial encounter	Diagnosis	ICD-10-CM
T07.XXXD	Unspecified multiple injuries, subsequent encounter	Diagnosis	ICD-10-CM
T07.XXXS	Unspecified multiple injuries, sequela	Diagnosis	ICD-10-CM
T14	Injury of unspecified body region	Diagnosis	ICD-10-CM
T14.8	Other injury of unspecified body region	Diagnosis	ICD-10-CM
T14.8XXA	Other injury of unspecified body region, initial encounter	Diagnosis	ICD-10-CM
T14.8XXD	Other injury of unspecified body region, subsequent encounter	Diagnosis	ICD-10-CM
T14.8XXS	Other injury of unspecified body region, sequela	Diagnosis	ICD-10-CM
T14.9	Unspecified injury	Diagnosis	ICD-10-CM
T14.90	Injury, unspecified	Diagnosis	ICD-10-CM
T14.90XA	Injury, unspecified, initial encounter	Diagnosis	ICD-10-CM
T14.90XD	Injury, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
T14.90XS	Injury, unspecified, sequela	Diagnosis	ICD-10-CM
T14.91	Suicide attempt	Diagnosis	ICD-10-CM
T14.91XA	Suicide attempt, initial encounter	Diagnosis	ICD-10-CM
T14.91XD	Suicide attempt, subsequent encounter	Diagnosis	ICD-10-CM
T14.91XS	Suicide attempt, sequela	Diagnosis	ICD-10-CM
Joint disorders			
M21.0	Valgus deformity, not elsewhere classified	Diagnosis	ICD-10-CM
M21.00	Valgus deformity, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM
M21.02	Valgus deformity, not elsewhere classified, elbow	Diagnosis	ICD-10-CM
M21.021	Valgus deformity, not elsewhere classified, right elbow	Diagnosis	ICD-10-CM
M21.022	Valgus deformity, not elsewhere classified, left elbow	Diagnosis	ICD-10-CM
M21.029	Valgus deformity, not elsewhere classified, unspecified elbow	Diagnosis	ICD-10-CM
M21.05	Valgus deformity, not elsewhere classified, hip	Diagnosis	ICD-10-CM
M21.051	Valgus deformity, not elsewhere classified, right hip	Diagnosis	ICD-10-CM
M21.052	Valgus deformity, not elsewhere classified, left hip	Diagnosis	ICD-10-CM
M21.059	Valgus deformity, not elsewhere classified, unspecified hip	Diagnosis	ICD-10-CM
M21.06	Valgus deformity, not elsewhere classified, knee	Diagnosis	ICD-10-CM
M21.061	Valgus deformity, not elsewhere classified, right knee	Diagnosis	ICD-10-CM
M21.062	Valgus deformity, not elsewhere classified, left knee	Diagnosis	ICD-10-CM
M21.069	Valgus deformity, not elsewhere classified, unspecified knee	Diagnosis	ICD-10-CM
M21.07	Valgus deformity, not elsewhere classified, ankle	Diagnosis	ICD-10-CM
M21.071	Valgus deformity, not elsewhere classified, right ankle	Diagnosis	ICD-10-CM
M21.072	Valgus deformity, not elsewhere classified, left ankle	Diagnosis	ICD-10-CM
M21.079	Valgus deformity, not elsewhere classified, unspecified ankle	Diagnosis	ICD-10-CM
M21.1	Varus deformity, not elsewhere classified	Diagnosis	ICD-10-CM
M21.10	Varus deformity, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM
M21.12	Varus deformity, not elsewhere classified, elbow	Diagnosis	ICD-10-CM
M21.121	Varus deformity, not elsewhere classified, right elbow	Diagnosis	ICD-10-CM
M21.122	Varus deformity, not elsewhere classified, left elbow	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M21.129	Varus deformity, not elsewhere classified, unspecified elbow	Diagnosis	ICD-10-CM
M21.15	Varus deformity, not elsewhere classified, hip	Diagnosis	ICD-10-CM
M21.151	Varus deformity, not elsewhere classified, right hip	Diagnosis	ICD-10-CM
M21.152	Varus deformity, not elsewhere classified, left hip	Diagnosis	ICD-10-CM
M21.159	Varus deformity, not elsewhere classified, unspecified	Diagnosis	ICD-10-CM
M21.16	Varus deformity, not elsewhere classified, knee	Diagnosis	ICD-10-CM
M21.161	Varus deformity, not elsewhere classified, right knee	Diagnosis	ICD-10-CM
M21.162	Varus deformity, not elsewhere classified, left knee	Diagnosis	ICD-10-CM
M21.169	Varus deformity, not elsewhere classified, unspecified knee	Diagnosis	ICD-10-CM
M21.17	Varus deformity, not elsewhere classified, ankle	Diagnosis	ICD-10-CM
M21.171	Varus deformity, not elsewhere classified, right ankle	Diagnosis	ICD-10-CM
M21.172	Varus deformity, not elsewhere classified, left ankle	Diagnosis	ICD-10-CM
M21.179	Varus deformity, not elsewhere classified, unspecified ankle	Diagnosis	ICD-10-CM
M21.2	Flexion deformity	Diagnosis	ICD-10-CM
M21.20	Flexion deformity, unspecified site	Diagnosis	ICD-10-CM
M21.21	Flexion deformity, shoulder	Diagnosis	ICD-10-CM
M21.211	Flexion deformity, right shoulder	Diagnosis	ICD-10-CM
M21.212	Flexion deformity, left shoulder	Diagnosis	ICD-10-CM
M21.219	Flexion deformity, unspecified shoulder	Diagnosis	ICD-10-CM
M21.22	Flexion deformity, elbow	Diagnosis	ICD-10-CM
M21.221	Flexion deformity, right elbow	Diagnosis	ICD-10-CM
M21.222	Flexion deformity, left elbow	Diagnosis	ICD-10-CM
M21.229	Flexion deformity, unspecified elbow	Diagnosis	ICD-10-CM
M21.23	Flexion deformity, wrist	Diagnosis	ICD-10-CM
M21.231	Flexion deformity, right wrist	Diagnosis	ICD-10-CM
M21.232	Flexion deformity, left wrist	Diagnosis	ICD-10-CM
M21.239	Flexion deformity, unspecified wrist	Diagnosis	ICD-10-CM
M21.24	Flexion deformity, finger joints	Diagnosis	ICD-10-CM
M21.241	Flexion deformity, right finger joints	Diagnosis	ICD-10-CM
M21.242	Flexion deformity, left finger joints	Diagnosis	ICD-10-CM
M21.249	Flexion deformity, unspecified finger joints	Diagnosis	ICD-10-CM
M21.25	Flexion deformity, hip	Diagnosis	ICD-10-CM
M21.251	Flexion deformity, right hip	Diagnosis	ICD-10-CM
M21.252	Flexion deformity, left hip	Diagnosis	ICD-10-CM
M21.259	Flexion deformity, unspecified hip	Diagnosis	ICD-10-CM
M21.26	Flexion deformity, knee	Diagnosis	ICD-10-CM
M21.261	Flexion deformity, right knee	Diagnosis	ICD-10-CM
M21.262	Flexion deformity, left knee	Diagnosis	ICD-10-CM
M21.269	Flexion deformity, unspecified knee	Diagnosis	ICD-10-CM
M21.27	Flexion deformity, ankle and toes	Diagnosis	ICD-10-CM
M21.271	Flexion deformity, right ankle and toes	Diagnosis	ICD-10-CM
M21.272	Flexion deformity, left ankle and toes	Diagnosis	ICD-10-CM
M21.279	Flexion deformity, unspecified ankle and toes	Diagnosis	ICD-10-CM
M21.3	Wrist or foot drop (acquired)	Diagnosis	ICD-10-CM
M21.33	Wrist drop (acquired)	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M21.331	Wrist drop, right wrist	Diagnosis	ICD-10-CM
M21.332	Wrist drop, left wrist	Diagnosis	ICD-10-CM
M21.339	Wrist drop, unspecified wrist	Diagnosis	ICD-10-CM
M21.37	Foot drop (acquired)	Diagnosis	ICD-10-CM
M21.371	Foot drop, right foot	Diagnosis	ICD-10-CM
M21.372	Foot drop, left foot	Diagnosis	ICD-10-CM
M21.379	Foot drop, unspecified foot	Diagnosis	ICD-10-CM
M21.4	Flat foot [pes planus] (acquired)	Diagnosis	ICD-10-CM
M21.40	Flat foot [pes planus] (acquired), unspecified foot	Diagnosis	ICD-10-CM
M21.41	Flat foot [pes planus] (acquired), right foot	Diagnosis	ICD-10-CM
M21.42	Flat foot [pes planus] (acquired), left foot	Diagnosis	ICD-10-CM
M21.5	Acquired clawhand, clubhand, clawfoot and clubfoot	Diagnosis	ICD-10-CM
M21.51	Acquired clawhand	Diagnosis	ICD-10-CM
M21.511	Acquired clawhand, right hand	Diagnosis	ICD-10-CM
M21.512	Acquired clawhand, left hand	Diagnosis	ICD-10-CM
M21.519	Acquired clawhand, unspecified hand	Diagnosis	ICD-10-CM
M21.52	Acquired clubhand	Diagnosis	ICD-10-CM
M21.521	Acquired clubhand, right hand	Diagnosis	ICD-10-CM
M21.522	Acquired clubhand, left hand	Diagnosis	ICD-10-CM
M21.529	Acquired clubhand, unspecified hand	Diagnosis	ICD-10-CM
M21.53	Acquired clawfoot	Diagnosis	ICD-10-CM
M21.531	Acquired clawfoot, right foot	Diagnosis	ICD-10-CM
M21.532	Acquired clawfoot, left foot	Diagnosis	ICD-10-CM
M21.539	Acquired clawfoot, unspecified foot	Diagnosis	ICD-10-CM
M21.54	Acquired clubfoot	Diagnosis	ICD-10-CM
M21.541	Acquired clubfoot, right foot	Diagnosis	ICD-10-CM
M21.542	Acquired clubfoot, left foot	Diagnosis	ICD-10-CM
M21.549	Acquired clubfoot, unspecified foot	Diagnosis	ICD-10-CM
M21.6	Other acquired deformities of foot	Diagnosis	ICD-10-CM
M21.61	Bunion	Diagnosis	ICD-10-CM
M21.611	Bunion of right foot	Diagnosis	ICD-10-CM
M21.612	Bunion of left foot	Diagnosis	ICD-10-CM
M21.619	Bunion of unspecified foot	Diagnosis	ICD-10-CM
M21.62	Bunionette	Diagnosis	ICD-10-CM
M21.621	Bunionette of right foot	Diagnosis	ICD-10-CM
M21.622	Bunionette of left foot	Diagnosis	ICD-10-CM
M21.629	Bunionette of unspecified foot	Diagnosis	ICD-10-CM
M21.6X	Other acquired deformities of foot	Diagnosis	ICD-10-CM
M21.6X1	Other acquired deformities of right foot	Diagnosis	ICD-10-CM
M21.6X2	Other acquired deformities of left foot	Diagnosis	ICD-10-CM
M21.6X9	Other acquired deformities of unspecified foot	Diagnosis	ICD-10-CM
M21.7	Unequal limb length (acquired)	Diagnosis	ICD-10-CM
M21.70	Unequal limb length (acquired), unspecified site	Diagnosis	ICD-10-CM
M21.72	Unequal limb length (acquired), humerus	Diagnosis	ICD-10-CM
M21.721	Unequal limb length (acquired), right humerus	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M21.722	Unequal limb length (acquired), left humerus	Diagnosis	ICD-10-CM
M21.729	Unequal limb length (acquired), unspecified humerus	Diagnosis	ICD-10-CM
M21.73	Unequal limb length (acquired), ulna and radius	Diagnosis	ICD-10-CM
M21.731	Unequal limb length (acquired), right ulna	Diagnosis	ICD-10-CM
M21.732	Unequal limb length (acquired), left ulna	Diagnosis	ICD-10-CM
M21.733	Unequal limb length (acquired), right radius	Diagnosis	ICD-10-CM
M21.734	Unequal limb length (acquired), left radius	Diagnosis	ICD-10-CM
M21.739	Unequal limb length (acquired), unspecified ulna and radius	Diagnosis	ICD-10-CM
M21.75	Unequal limb length (acquired), femur	Diagnosis	ICD-10-CM
M21.751	Unequal limb length (acquired), right femur	Diagnosis	ICD-10-CM
M21.752	Unequal limb length (acquired), left femur	Diagnosis	ICD-10-CM
M21.759	Unequal limb length (acquired), unspecified femur	Diagnosis	ICD-10-CM
M21.76	Unequal limb length (acquired), tibia and fibula	Diagnosis	ICD-10-CM
M21.761	Unequal limb length (acquired), right tibia	Diagnosis	ICD-10-CM
M21.762	Unequal limb length (acquired), left tibia	Diagnosis	ICD-10-CM
M21.763	Unequal limb length (acquired), right fibula	Diagnosis	ICD-10-CM
M21.764	Unequal limb length (acquired), left fibula	Diagnosis	ICD-10-CM
M21.769	Unequal limb length (acquired), unspecified tibia and fibula	Diagnosis	ICD-10-CM
M21.8	Other specified acquired deformities of limbs	Diagnosis	ICD-10-CM
M21.80	Other specified acquired deformities of unspecified limb	Diagnosis	ICD-10-CM
M21.82	Other specified acquired deformities of upper arm	Diagnosis	ICD-10-CM
M21.821	Other specified acquired deformities of right upper arm	Diagnosis	ICD-10-CM
M21.822	Other specified acquired deformities of left upper arm	Diagnosis	ICD-10-CM
M21.829	Other specified acquired deformities of unspecified upper arm	Diagnosis	ICD-10-CM
M21.83	Other specified acquired deformities of forearm	Diagnosis	ICD-10-CM
M21.831	Other specified acquired deformities of right forearm	Diagnosis	ICD-10-CM
M21.832	Other specified acquired deformities of left forearm	Diagnosis	ICD-10-CM
M21.839	Other specified acquired deformities of unspecified forearm	Diagnosis	ICD-10-CM
M21.85	Other specified acquired deformities of thigh	Diagnosis	ICD-10-CM
M21.851	Other specified acquired deformities of right thigh	Diagnosis	ICD-10-CM
M21.852	Other specified acquired deformities of left thigh	Diagnosis	ICD-10-CM
M21.859	Other specified acquired deformities of unspecified thigh	Diagnosis	ICD-10-CM
M21.86	Other specified acquired deformities of lower leg	Diagnosis	ICD-10-CM
M21.861	Other specified acquired deformities of right lower leg	Diagnosis	ICD-10-CM
M21.862	Other specified acquired deformities of left lower leg	Diagnosis	ICD-10-CM
M21.869	Other specified acquired deformities of unspecified lower leg	Diagnosis	ICD-10-CM
M21.9	Unspecified acquired deformity of limb and hand	Diagnosis	ICD-10-CM
M21.90	Unspecified acquired deformity of unspecified limb	Diagnosis	ICD-10-CM
M21.92	Unspecified acquired deformity of upper arm	Diagnosis	ICD-10-CM
M21.921	Unspecified acquired deformity of right upper arm	Diagnosis	ICD-10-CM
M21.922	Unspecified acquired deformity of left upper arm	Diagnosis	ICD-10-CM
M21.929	Unspecified acquired deformity of unspecified upper arm	Diagnosis	ICD-10-CM
M21.93	Unspecified acquired deformity of forearm	Diagnosis	ICD-10-CM
M21.931	Unspecified acquired deformity of right forearm	Diagnosis	ICD-10-CM
M21.932	Unspecified acquired deformity of left forearm	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M21.939	Unspecified acquired deformity of unspecified forearm	Diagnosis	ICD-10-CM
M21.94	Unspecified acquired deformity of hand	Diagnosis	ICD-10-CM
M21.941	Unspecified acquired deformity of hand, right hand	Diagnosis	ICD-10-CM
M21.942	Unspecified acquired deformity of hand, left hand	Diagnosis	ICD-10-CM
M21.949	Unspecified acquired deformity of hand, unspecified hand	Diagnosis	ICD-10-CM
M21.95	Unspecified acquired deformity of thigh	Diagnosis	ICD-10-CM
M21.951	Unspecified acquired deformity of right thigh	Diagnosis	ICD-10-CM
M21.952	Unspecified acquired deformity of left thigh	Diagnosis	ICD-10-CM
M21.959	Unspecified acquired deformity of unspecified thigh	Diagnosis	ICD-10-CM
M21.96	Unspecified acquired deformity of lower leg	Diagnosis	ICD-10-CM
M21.961	Unspecified acquired deformity of right lower leg	Diagnosis	ICD-10-CM
M21.962	Unspecified acquired deformity of left lower leg	Diagnosis	ICD-10-CM
M21.969	Unspecified acquired deformity of unspecified lower leg	Diagnosis	ICD-10-CM
M24.0	Loose body in joint	Diagnosis	ICD-10-CM
M24.00	Loose body in unspecified joint	Diagnosis	ICD-10-CM
M24.01	Loose body in shoulder	Diagnosis	ICD-10-CM
M24.011	Loose body in right shoulder	Diagnosis	ICD-10-CM
M24.012	Loose body in left shoulder	Diagnosis	ICD-10-CM
M24.019	Loose body in unspecified shoulder	Diagnosis	ICD-10-CM
M24.02	Loose body in elbow	Diagnosis	ICD-10-CM
M24.021	Loose body in right elbow	Diagnosis	ICD-10-CM
M24.022	Loose body in left elbow	Diagnosis	ICD-10-CM
M24.029	Loose body in unspecified elbow	Diagnosis	ICD-10-CM
M24.03	Loose body in wrist	Diagnosis	ICD-10-CM
M24.031	Loose body in right wrist	Diagnosis	ICD-10-CM
M24.032	Loose body in left wrist	Diagnosis	ICD-10-CM
M24.039	Loose body in unspecified wrist	Diagnosis	ICD-10-CM
M24.04	Loose body in finger joints	Diagnosis	ICD-10-CM
M24.041	Loose body in right finger joint(s)	Diagnosis	ICD-10-CM
M24.042	Loose body in left finger joint(s)	Diagnosis	ICD-10-CM
M24.049	Loose body in unspecified finger joint(s)	Diagnosis	ICD-10-CM
M24.05	Loose body in hip	Diagnosis	ICD-10-CM
M24.051	Loose body in right hip	Diagnosis	ICD-10-CM
M24.052	Loose body in left hip	Diagnosis	ICD-10-CM
M24.059	Loose body in unspecified hip	Diagnosis	ICD-10-CM
M24.07	Loose body in ankle and toe joints	Diagnosis	ICD-10-CM
M24.071	Loose body in right ankle	Diagnosis	ICD-10-CM
M24.072	Loose body in left ankle	Diagnosis	ICD-10-CM
M24.073	Loose body in unspecified ankle	Diagnosis	ICD-10-CM
M24.074	Loose body in right toe joint(s)	Diagnosis	ICD-10-CM
M24.075	Loose body in left toe joint(s)	Diagnosis	ICD-10-CM
M24.076	Loose body in unspecified toe joints	Diagnosis	ICD-10-CM
M24.08	Loose body, other site	Diagnosis	ICD-10-CM
M24.1	Other articular cartilage disorders	Diagnosis	ICD-10-CM
M24.10	Other articular cartilage disorders, unspecified site	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M24.11	Other articular cartilage disorders, shoulder	Diagnosis	ICD-10-CM
M24.111	Other articular cartilage disorders, right shoulder	Diagnosis	ICD-10-CM
M24.112	Other articular cartilage disorders, left shoulder	Diagnosis	ICD-10-CM
M24.119	Other articular cartilage disorders, unspecified shoulder	Diagnosis	ICD-10-CM
M24.12	Other articular cartilage disorders, elbow	Diagnosis	ICD-10-CM
M24.121	Other articular cartilage disorders, right elbow	Diagnosis	ICD-10-CM
M24.122	Other articular cartilage disorders, left elbow	Diagnosis	ICD-10-CM
M24.129	Other articular cartilage disorders, unspecified elbow	Diagnosis	ICD-10-CM
M24.13	Other articular cartilage disorders, wrist	Diagnosis	ICD-10-CM
M24.131	Other articular cartilage disorders, right wrist	Diagnosis	ICD-10-CM
M24.132	Other articular cartilage disorders, left wrist	Diagnosis	ICD-10-CM
M24.139	Other articular cartilage disorders, unspecified wrist	Diagnosis	ICD-10-CM
M24.14	Other articular cartilage disorders, hand	Diagnosis	ICD-10-CM
M24.141	Other articular cartilage disorders, right hand	Diagnosis	ICD-10-CM
M24.142	Other articular cartilage disorders, left hand	Diagnosis	ICD-10-CM
M24.149	Other articular cartilage disorders, unspecified hand	Diagnosis	ICD-10-CM
M24.15	Other articular cartilage disorders, hip	Diagnosis	ICD-10-CM
M24.151	Other articular cartilage disorders, right hip	Diagnosis	ICD-10-CM
M24.152	Other articular cartilage disorders, left hip	Diagnosis	ICD-10-CM
M24.159	Other articular cartilage disorders, unspecified hip	Diagnosis	ICD-10-CM
M24.17	Other articular cartilage disorders, ankle and foot	Diagnosis	ICD-10-CM
M24.171	Other articular cartilage disorders, right ankle	Diagnosis	ICD-10-CM
M24.172	Other articular cartilage disorders, left ankle	Diagnosis	ICD-10-CM
M24.173	Other articular cartilage disorders, unspecified ankle	Diagnosis	ICD-10-CM
M24.174	Other articular cartilage disorders, right foot	Diagnosis	ICD-10-CM
M24.175	Other articular cartilage disorders, left foot	Diagnosis	ICD-10-CM
M24.176	Other articular cartilage disorders, unspecified foot	Diagnosis	ICD-10-CM
M24.19	Other articular cartilage disorders, other specified site	Diagnosis	ICD-10-CM
M24.2	Disorder of ligament	Diagnosis	ICD-10-CM
M24.20	Disorder of ligament, unspecified site	Diagnosis	ICD-10-CM
M24.21	Disorder of ligament, shoulder	Diagnosis	ICD-10-CM
M24.211	Disorder of ligament, right shoulder	Diagnosis	ICD-10-CM
M24.212	Disorder of ligament, left shoulder	Diagnosis	ICD-10-CM
M24.219	Disorder of ligament, unspecified shoulder	Diagnosis	ICD-10-CM
M24.22	Disorder of ligament, elbow	Diagnosis	ICD-10-CM
M24.221	Disorder of ligament, right elbow	Diagnosis	ICD-10-CM
M24.222	Disorder of ligament, left elbow	Diagnosis	ICD-10-CM
M24.229	Disorder of ligament, unspecified elbow	Diagnosis	ICD-10-CM
M24.23	Disorder of ligament, wrist	Diagnosis	ICD-10-CM
M24.231	Disorder of ligament, right wrist	Diagnosis	ICD-10-CM
M24.232	Disorder of ligament, left wrist	Diagnosis	ICD-10-CM
M24.239	Disorder of ligament, unspecified wrist	Diagnosis	ICD-10-CM
M24.24	Disorder of ligament, hand	Diagnosis	ICD-10-CM
M24.241	Disorder of ligament, right hand	Diagnosis	ICD-10-CM
M24.242	Disorder of ligament, left hand	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M24.249	Disorder of ligament, unspecified hand	Diagnosis	ICD-10-CM
M24.25	Disorder of ligament, hip	Diagnosis	ICD-10-CM
M24.251	Disorder of ligament, right hip	Diagnosis	ICD-10-CM
M24.252	Disorder of ligament, left hip	Diagnosis	ICD-10-CM
M24.259	Disorder of ligament, unspecified hip	Diagnosis	ICD-10-CM
M24.27	Disorder of ligament, ankle and foot	Diagnosis	ICD-10-CM
M24.271	Disorder of ligament, right ankle	Diagnosis	ICD-10-CM
M24.272	Disorder of ligament, left ankle	Diagnosis	ICD-10-CM
M24.273	Disorder of ligament, unspecified ankle	Diagnosis	ICD-10-CM
M24.274	Disorder of ligament, right foot	Diagnosis	ICD-10-CM
M24.275	Disorder of ligament, left foot	Diagnosis	ICD-10-CM
M24.276	Disorder of ligament, unspecified foot	Diagnosis	ICD-10-CM
M24.28	Disorder of ligament, vertebrae	Diagnosis	ICD-10-CM
M24.29	Disorder of ligament, other specified site	Diagnosis	ICD-10-CM
M24.3	Pathological dislocation of joint, not elsewhere classified	Diagnosis	ICD-10-CM
M24.30	Pathological dislocation of unspecified joint, not elsewhere classified	Diagnosis	ICD-10-CM
M24.31	Pathological dislocation of shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.311	Pathological dislocation of right shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.312	Pathological dislocation of left shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.319	Pathological dislocation of unspecified shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.32	Pathological dislocation of elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.321	Pathological dislocation of right elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.322	Pathological dislocation of left elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.329	Pathological dislocation of unspecified elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.33	Pathological dislocation of wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.331	Pathological dislocation of right wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.332	Pathological dislocation of left wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.339	Pathological dislocation of unspecified wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.34	Pathological dislocation of hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.341	Pathological dislocation of right hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.342	Pathological dislocation of left hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.349	Pathological dislocation of unspecified hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.35	Pathological dislocation of hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.351	Pathological dislocation of right hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.352	Pathological dislocation of left hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.359	Pathological dislocation of unspecified hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.36	Pathological dislocation of knee, not elsewhere classified	Diagnosis	ICD-10-CM
M24.361	Pathological dislocation of right knee, not elsewhere classified	Diagnosis	ICD-10-CM
M24.362	Pathological dislocation of left knee, not elsewhere classified	Diagnosis	ICD-10-CM
M24.369	Pathological dislocation of unspecified knee, not elsewhere classified	Diagnosis	ICD-10-CM
M24.37	Pathological dislocation of ankle and foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.371	Pathological dislocation of right ankle, not elsewhere classified	Diagnosis	ICD-10-CM
M24.372	Pathological dislocation of left ankle, not elsewhere classified	Diagnosis	ICD-10-CM
M24.373	Pathological dislocation of unspecified ankle, not elsewhere classified	Diagnosis	ICD-10-CM
M24.374	Pathological dislocation of right foot, not elsewhere classified	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M24.375	Pathological dislocation of left foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.376	Pathological dislocation of unspecified foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.39	Pathological dislocation of other specified joint, not elsewhere classified	Diagnosis	ICD-10-CM
M24.4	Recurrent dislocation of joint	Diagnosis	ICD-10-CM
M24.40	Recurrent dislocation, unspecified joint	Diagnosis	ICD-10-CM
M24.41	Recurrent dislocation, shoulder	Diagnosis	ICD-10-CM
M24.411	Recurrent dislocation, right shoulder	Diagnosis	ICD-10-CM
M24.412	Recurrent dislocation, left shoulder	Diagnosis	ICD-10-CM
M24.419	Recurrent dislocation, unspecified shoulder	Diagnosis	ICD-10-CM
M24.42	Recurrent dislocation, elbow	Diagnosis	ICD-10-CM
M24.421	Recurrent dislocation, right elbow	Diagnosis	ICD-10-CM
M24.422	Recurrent dislocation, left elbow	Diagnosis	ICD-10-CM
M24.429	Recurrent dislocation, unspecified elbow	Diagnosis	ICD-10-CM
M24.43	Recurrent dislocation, wrist	Diagnosis	ICD-10-CM
M24.431	Recurrent dislocation, right wrist	Diagnosis	ICD-10-CM
M24.432	Recurrent dislocation, left wrist	Diagnosis	ICD-10-CM
M24.439	Recurrent dislocation, unspecified wrist	Diagnosis	ICD-10-CM
M24.44	Recurrent dislocation, hand and finger(s)	Diagnosis	ICD-10-CM
M24.441	Recurrent dislocation, right hand	Diagnosis	ICD-10-CM
M24.442	Recurrent dislocation, left hand	Diagnosis	ICD-10-CM
M24.443	Recurrent dislocation, unspecified hand	Diagnosis	ICD-10-CM
M24.444	Recurrent dislocation, right finger	Diagnosis	ICD-10-CM
M24.445	Recurrent dislocation, left finger	Diagnosis	ICD-10-CM
M24.446	Recurrent dislocation, unspecified finger	Diagnosis	ICD-10-CM
M24.45	Recurrent dislocation, hip	Diagnosis	ICD-10-CM
M24.451	Recurrent dislocation, right hip	Diagnosis	ICD-10-CM
M24.452	Recurrent dislocation, left hip	Diagnosis	ICD-10-CM
M24.459	Recurrent dislocation, unspecified hip	Diagnosis	ICD-10-CM
M24.46	Recurrent dislocation, knee	Diagnosis	ICD-10-CM
M24.461	Recurrent dislocation, right knee	Diagnosis	ICD-10-CM
M24.462	Recurrent dislocation, left knee	Diagnosis	ICD-10-CM
M24.469	Recurrent dislocation, unspecified knee	Diagnosis	ICD-10-CM
M24.47	Recurrent dislocation, ankle, foot and toes	Diagnosis	ICD-10-CM
M24.471	Recurrent dislocation, right ankle	Diagnosis	ICD-10-CM
M24.472	Recurrent dislocation, left ankle	Diagnosis	ICD-10-CM
M24.473	Recurrent dislocation, unspecified ankle	Diagnosis	ICD-10-CM
M24.474	Recurrent dislocation, right foot	Diagnosis	ICD-10-CM
M24.475	Recurrent dislocation, left foot	Diagnosis	ICD-10-CM
M24.476	Recurrent dislocation, unspecified foot	Diagnosis	ICD-10-CM
M24.477	Recurrent dislocation, right toe(s)	Diagnosis	ICD-10-CM
M24.478	Recurrent dislocation, left toe(s)	Diagnosis	ICD-10-CM
M24.479	Recurrent dislocation, unspecified toe(s)	Diagnosis	ICD-10-CM
M24.49	Recurrent dislocation, other specified joint	Diagnosis	ICD-10-CM
M24.5	Contracture of joint	Diagnosis	ICD-10-CM
M24.50	Contracture, unspecified joint	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M24.51	Contracture, shoulder	Diagnosis	ICD-10-CM
M24.511	Contracture, right shoulder	Diagnosis	ICD-10-CM
M24.512	Contracture, left shoulder	Diagnosis	ICD-10-CM
M24.519	Contracture, unspecified shoulder	Diagnosis	ICD-10-CM
M24.52	Contracture, elbow	Diagnosis	ICD-10-CM
M24.521	Contracture, right elbow	Diagnosis	ICD-10-CM
M24.522	Contracture, left elbow	Diagnosis	ICD-10-CM
M24.529	Contracture, unspecified elbow	Diagnosis	ICD-10-CM
M24.53	Contracture, wrist	Diagnosis	ICD-10-CM
M24.531	Contracture, right wrist	Diagnosis	ICD-10-CM
M24.532	Contracture, left wrist	Diagnosis	ICD-10-CM
M24.539	Contracture, unspecified wrist	Diagnosis	ICD-10-CM
M24.54	Contracture, hand	Diagnosis	ICD-10-CM
M24.541	Contracture, right hand	Diagnosis	ICD-10-CM
M24.542	Contracture, left hand	Diagnosis	ICD-10-CM
M24.549	Contracture, unspecified hand	Diagnosis	ICD-10-CM
M24.55	Contracture, hip	Diagnosis	ICD-10-CM
M24.551	Contracture, right hip	Diagnosis	ICD-10-CM
M24.552	Contracture, left hip	Diagnosis	ICD-10-CM
M24.559	Contracture, unspecified hip	Diagnosis	ICD-10-CM
M24.56	Contracture, knee	Diagnosis	ICD-10-CM
M24.561	Contracture, right knee	Diagnosis	ICD-10-CM
M24.562	Contracture, left knee	Diagnosis	ICD-10-CM
M24.569	Contracture, unspecified knee	Diagnosis	ICD-10-CM
M24.57	Contracture, ankle and foot	Diagnosis	ICD-10-CM
M24.571	Contracture, right ankle	Diagnosis	ICD-10-CM
M24.572	Contracture, left ankle	Diagnosis	ICD-10-CM
M24.573	Contracture, unspecified ankle	Diagnosis	ICD-10-CM
M24.574	Contracture, right foot	Diagnosis	ICD-10-CM
M24.575	Contracture, left foot	Diagnosis	ICD-10-CM
M24.576	Contracture, unspecified foot	Diagnosis	ICD-10-CM
M24.59	Contracture, other specified joint	Diagnosis	ICD-10-CM
M24.6	Ankylosis of joint	Diagnosis	ICD-10-CM
M24.60	Ankylosis, unspecified joint	Diagnosis	ICD-10-CM
M24.61	Ankylosis, shoulder	Diagnosis	ICD-10-CM
M24.611	Ankylosis, right shoulder	Diagnosis	ICD-10-CM
M24.612	Ankylosis, left shoulder	Diagnosis	ICD-10-CM
M24.619	Ankylosis, unspecified shoulder	Diagnosis	ICD-10-CM
M24.62	Ankylosis, elbow	Diagnosis	ICD-10-CM
M24.621	Ankylosis, right elbow	Diagnosis	ICD-10-CM
M24.622	Ankylosis, left elbow	Diagnosis	ICD-10-CM
M24.629	Ankylosis, unspecified elbow	Diagnosis	ICD-10-CM
M24.63	Ankylosis, wrist	Diagnosis	ICD-10-CM
M24.631	Ankylosis, right wrist	Diagnosis	ICD-10-CM
M24.632	Ankylosis, left wrist	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M24.639	Ankylosis, unspecified wrist	Diagnosis	ICD-10-CM
M24.64	Ankylosis, hand	Diagnosis	ICD-10-CM
M24.641	Ankylosis, right hand	Diagnosis	ICD-10-CM
M24.642	Ankylosis, left hand	Diagnosis	ICD-10-CM
M24.649	Ankylosis, unspecified hand	Diagnosis	ICD-10-CM
M24.65	Ankylosis, hip	Diagnosis	ICD-10-CM
M24.651	Ankylosis, right hip	Diagnosis	ICD-10-CM
M24.652	Ankylosis, left hip	Diagnosis	ICD-10-CM
M24.659	Ankylosis, unspecified hip	Diagnosis	ICD-10-CM
M24.66	Ankylosis, knee	Diagnosis	ICD-10-CM
M24.661	Ankylosis, right knee	Diagnosis	ICD-10-CM
M24.662	Ankylosis, left knee	Diagnosis	ICD-10-CM
M24.669	Ankylosis, unspecified knee	Diagnosis	ICD-10-CM
M24.67	Ankylosis, ankle and foot	Diagnosis	ICD-10-CM
M24.671	Ankylosis, right ankle	Diagnosis	ICD-10-CM
M24.672	Ankylosis, left ankle	Diagnosis	ICD-10-CM
M24.673	Ankylosis, unspecified ankle	Diagnosis	ICD-10-CM
M24.674	Ankylosis, right foot	Diagnosis	ICD-10-CM
M24.675	Ankylosis, left foot	Diagnosis	ICD-10-CM
M24.676	Ankylosis, unspecified foot	Diagnosis	ICD-10-CM
M24.69	Ankylosis, other specified joint	Diagnosis	ICD-10-CM
M24.7	Protrusio acetabuli	Diagnosis	ICD-10-CM
M24.8	Other specific joint derangements, not elsewhere classified	Diagnosis	ICD-10-CM
M24.80	Other specific joint derangements of unspecified joint, not elsewhere classified	Diagnosis	ICD-10-CM
M24.81	Other specific joint derangements of shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.811	Other specific joint derangements of right shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.812	Other specific joint derangements of left shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.819	Other specific joint derangements of unspecified shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M24.82	Other specific joint derangements of elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.821	Other specific joint derangements of right elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.822	Other specific joint derangements of left elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.829	Other specific joint derangements of unspecified elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M24.83	Other specific joint derangements of wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.831	Other specific joint derangements of right wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.832	Other specific joint derangements of left wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.839	Other specific joint derangements of unspecified wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M24.84	Other specific joint derangements of hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.841	Other specific joint derangements of right hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.842	Other specific joint derangements of left hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.849	Other specific joint derangements of unspecified hand, not elsewhere classified	Diagnosis	ICD-10-CM
M24.85	Other specific joint derangements of hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.851	Other specific joint derangements of right hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.852	Other specific joint derangements of left hip, not elsewhere classified	Diagnosis	ICD-10-CM
M24.859	Other specific joint derangements of unspecified hip, not elsewhere classified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M24.87	Other specific joint derangements of ankle and foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.871	Other specific joint derangements of right ankle, not elsewhere classified	Diagnosis	ICD-10-CM
M24.872	Other specific joint derangements of left ankle, not elsewhere classified	Diagnosis	ICD-10-CM
M24.873	Other specific joint derangements of unspecified ankle, not elsewhere classified	Diagnosis	ICD-10-CM
M24.874	Other specific joint derangements of right foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.875	Other specific joint derangements left foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.876	Other specific joint derangements of unspecified foot, not elsewhere classified	Diagnosis	ICD-10-CM
M24.89	Other specific joint derangement of other specified joint, not elsewhere classified	Diagnosis	ICD-10-CM
M24.9	Joint derangement, unspecified	Diagnosis	ICD-10-CM
Menstrual Disorders			
N91.0	Primary amenorrhea	Diagnosis	ICD-10-CM
N91.1	Secondary amenorrhea	Diagnosis	ICD-10-CM
N91.2	Amenorrhea, unspecified	Diagnosis	ICD-10-CM
N91.3	Primary oligomenorrhea	Diagnosis	ICD-10-CM
N91.4	Secondary oligomenorrhea	Diagnosis	ICD-10-CM
N91.5	Oligomenorrhea, unspecified	Diagnosis	ICD-10-CM
N92.0	Excessive and frequent menstruation with regular cycle	Diagnosis	ICD-10-CM
N92.1	Excessive and frequent menstruation with irregular cycle	Diagnosis	ICD-10-CM
N92.2	Excessive menstruation at puberty	Diagnosis	ICD-10-CM
N92.3	Ovulation bleeding	Diagnosis	ICD-10-CM
N92.4	Excessive bleeding in the premenopausal period	Diagnosis	ICD-10-CM
N92.5	Other specified irregular menstruation	Diagnosis	ICD-10-CM
N92.6	Irregular menstruation, unspecified	Diagnosis	ICD-10-CM
Migraine or Headache			
G43	Migraine	Diagnosis	ICD-10-CM
G43.0	Migraine without aura	Diagnosis	ICD-10-CM
G43.00	Migraine without aura, not intractable	Diagnosis	ICD-10-CM
G43.001	Migraine without aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.009	Migraine without aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.01	Migraine without aura, intractable	Diagnosis	ICD-10-CM
G43.011	Migraine without aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.019	Migraine without aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.1	Migraine with aura	Diagnosis	ICD-10-CM
G43.10	Migraine with aura, not intractable	Diagnosis	ICD-10-CM
G43.101	Migraine with aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.109	Migraine with aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.11	Migraine with aura, intractable	Diagnosis	ICD-10-CM
G43.111	Migraine with aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.119	Migraine with aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.4	Hemiplegic migraine	Diagnosis	ICD-10-CM
G43.40	Hemiplegic migraine, not intractable	Diagnosis	ICD-10-CM
G43.401	Hemiplegic migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.409	Hemiplegic migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.41	Hemiplegic migraine, intractable	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G43.411	Hemiplegic migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.419	Hemiplegic migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.5	Persistent migraine aura without cerebral infarction	Diagnosis	ICD-10-CM
G43.50	Persistent migraine aura without cerebral infarction, not intractable	Diagnosis	ICD-10-CM
G43.501	Persistent migraine aura without cerebral infarction, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.509	Persistent migraine aura without cerebral infarction, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.51	Persistent migraine aura without cerebral infarction, intractable	Diagnosis	ICD-10-CM
G43.511	Persistent migraine aura without cerebral infarction, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.519	Persistent migraine aura without cerebral infarction, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.6	Persistent migraine aura with cerebral infarction	Diagnosis	ICD-10-CM
G43.60	Persistent migraine aura with cerebral infarction, not intractable	Diagnosis	ICD-10-CM
G43.601	Persistent migraine aura with cerebral infarction, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.609	Persistent migraine aura with cerebral infarction, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.61	Persistent migraine aura with cerebral infarction, intractable	Diagnosis	ICD-10-CM
G43.611	Persistent migraine aura with cerebral infarction, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.619	Persistent migraine aura with cerebral infarction, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.7	Chronic migraine without aura	Diagnosis	ICD-10-CM
G43.70	Chronic migraine without aura, not intractable	Diagnosis	ICD-10-CM
G43.701	Chronic migraine without aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.709	Chronic migraine without aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.71	Chronic migraine without aura, intractable	Diagnosis	ICD-10-CM
G43.711	Chronic migraine without aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.719	Chronic migraine without aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.8	Other migraine	Diagnosis	ICD-10-CM
G43.80	Other migraine, not intractable	Diagnosis	ICD-10-CM
G43.801	Other migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.809	Other migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.81	Other migraine, intractable	Diagnosis	ICD-10-CM
G43.811	Other migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.819	Other migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.82	Menstrual migraine, not intractable	Diagnosis	ICD-10-CM
G43.821	Menstrual migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.829	Menstrual migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.83	Menstrual migraine, intractable	Diagnosis	ICD-10-CM
G43.831	Menstrual migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.839	Menstrual migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.9	Migraine, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G43.90	Migraine, unspecified, not intractable	Diagnosis	ICD-10-CM
G43.901	Migraine, unspecified, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.909	Migraine, unspecified, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.91	Migraine, unspecified, intractable	Diagnosis	ICD-10-CM
G43.911	Migraine, unspecified, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.919	Migraine, unspecified, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.A	Cyclical vomiting	Diagnosis	ICD-10-CM
G43.A0	Cyclical vomiting, in migraine, not intractable	Diagnosis	ICD-10-CM
G43.A1	Cyclical vomiting, in migraine, intractable	Diagnosis	ICD-10-CM
G43.B	Ophthalmoplegic migraine	Diagnosis	ICD-10-CM
G43.B0	Ophthalmoplegic migraine, not intractable	Diagnosis	ICD-10-CM
G43.B1	Ophthalmoplegic migraine, intractable	Diagnosis	ICD-10-CM
G43.C	Periodic headache syndromes in child or adult	Diagnosis	ICD-10-CM
G43.C0	Periodic headache syndromes in child or adult, not intractable	Diagnosis	ICD-10-CM
G43.C1	Periodic headache syndromes in child or adult, intractable	Diagnosis	ICD-10-CM
G43.D	Abdominal migraine	Diagnosis	ICD-10-CM
G43.D0	Abdominal migraine, not intractable	Diagnosis	ICD-10-CM
G43.D1	Abdominal migraine, intractable	Diagnosis	ICD-10-CM
G43.E	Chronic migraine with aura	Diagnosis	ICD-10-CM
G43.E0	Chronic migraine with aura, not intractable	Diagnosis	ICD-10-CM
G43.E01	Chronic migraine with aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.E09	Chronic migraine with aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.E1	Chronic migraine with aura, intractable	Diagnosis	ICD-10-CM
G43.E11	Chronic migraine with aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.E19	Chronic migraine with aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G44	Other headache syndromes	Diagnosis	ICD-10-CM
G44.0	Cluster headaches and other trigeminal autonomic cephalgias (TAC)	Diagnosis	ICD-10-CM
G44.00	Cluster headache syndrome, unspecified	Diagnosis	ICD-10-CM
G44.001	Cluster headache syndrome, unspecified, intractable	Diagnosis	ICD-10-CM
G44.009	Cluster headache syndrome, unspecified, not intractable	Diagnosis	ICD-10-CM
G44.01	Episodic cluster headache	Diagnosis	ICD-10-CM
G44.011	Episodic cluster headache, intractable	Diagnosis	ICD-10-CM
G44.019	Episodic cluster headache, not intractable	Diagnosis	ICD-10-CM
G44.02	Chronic cluster headache	Diagnosis	ICD-10-CM
G44.021	Chronic cluster headache, intractable	Diagnosis	ICD-10-CM
G44.029	Chronic cluster headache, not intractable	Diagnosis	ICD-10-CM
G44.03	Episodic paroxysmal hemicrania	Diagnosis	ICD-10-CM
G44.031	Episodic paroxysmal hemicrania, intractable	Diagnosis	ICD-10-CM
G44.039	Episodic paroxysmal hemicrania, not intractable	Diagnosis	ICD-10-CM
G44.04	Chronic paroxysmal hemicrania	Diagnosis	ICD-10-CM
G44.041	Chronic paroxysmal hemicrania, intractable	Diagnosis	ICD-10-CM
G44.049	Chronic paroxysmal hemicrania, not intractable	Diagnosis	ICD-10-CM
G44.05	Short lasting unilateral neuralgiform headache with conjunctival injection and tearing (SUNCT)	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G44.051	Short lasting unilateral neuralgiform headache with conjunctival injection and tearing (SUNCT), intractable	Diagnosis	ICD-10-CM
G44.059	Short lasting unilateral neuralgiform headache with conjunctival injection and tearing (SUNCT), not intractable	Diagnosis	ICD-10-CM
G44.09	Other trigeminal autonomic cephalgias (TAC)	Diagnosis	ICD-10-CM
G44.091	Other trigeminal autonomic cephalgias (TAC), intractable	Diagnosis	ICD-10-CM
G44.099	Other trigeminal autonomic cephalgias (TAC), not intractable	Diagnosis	ICD-10-CM
G44.1	Vascular headache, not elsewhere classified	Diagnosis	ICD-10-CM
G44.2	Tension-type headache	Diagnosis	ICD-10-CM
G44.20	Tension-type headache, unspecified	Diagnosis	ICD-10-CM
G44.201	Tension-type headache, unspecified, intractable	Diagnosis	ICD-10-CM
G44.209	Tension-type headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G44.21	Episodic tension-type headache	Diagnosis	ICD-10-CM
G44.211	Episodic tension-type headache, intractable	Diagnosis	ICD-10-CM
G44.219	Episodic tension-type headache, not intractable	Diagnosis	ICD-10-CM
G44.22	Chronic tension-type headache	Diagnosis	ICD-10-CM
G44.221	Chronic tension-type headache, intractable	Diagnosis	ICD-10-CM
G44.229	Chronic tension-type headache, not intractable	Diagnosis	ICD-10-CM
G44.3	Post-traumatic headache	Diagnosis	ICD-10-CM
G44.30	Post-traumatic headache, unspecified	Diagnosis	ICD-10-CM
G44.301	Post-traumatic headache, unspecified, intractable	Diagnosis	ICD-10-CM
G44.309	Post-traumatic headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G44.31	Acute post-traumatic headache	Diagnosis	ICD-10-CM
G44.311	Acute post-traumatic headache, intractable	Diagnosis	ICD-10-CM
G44.319	Acute post-traumatic headache, not intractable	Diagnosis	ICD-10-CM
G44.32	Chronic post-traumatic headache	Diagnosis	ICD-10-CM
G44.321	Chronic post-traumatic headache, intractable	Diagnosis	ICD-10-CM
G44.329	Chronic post-traumatic headache, not intractable	Diagnosis	ICD-10-CM
G44.4	Drug-induced headache, not elsewhere classified	Diagnosis	ICD-10-CM
G44.40	Drug-induced headache, not elsewhere classified, not intractable	Diagnosis	ICD-10-CM
G44.41	Drug-induced headache, not elsewhere classified, intractable	Diagnosis	ICD-10-CM
G44.5	Complicated headache syndromes	Diagnosis	ICD-10-CM
G44.51	Hemicrania continua	Diagnosis	ICD-10-CM
G44.52	New daily persistent headache (NDPH)	Diagnosis	ICD-10-CM
G44.53	Primary thunderclap headache	Diagnosis	ICD-10-CM
G44.59	Other complicated headache syndrome	Diagnosis	ICD-10-CM
G44.8	Other specified headache syndromes	Diagnosis	ICD-10-CM
G44.81	Hypnic headache	Diagnosis	ICD-10-CM
G44.82	Headache associated with sexual activity	Diagnosis	ICD-10-CM
G44.83	Primary cough headache	Diagnosis	ICD-10-CM
G44.84	Primary exertional headache	Diagnosis	ICD-10-CM
G44.85	Primary stabbing headache	Diagnosis	ICD-10-CM
G44.86	Cervicogenic headache	Diagnosis	ICD-10-CM
G44.89	Other headache syndrome	Diagnosis	ICD-10-CM
Nausea and Vomiting			

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Code	Description	Code Category	Code Type
R11.0	Nausea	Diagnosis	ICD-10-CM
R11.1	Vomiting	Diagnosis	ICD-10-CM
R11.10	Vomiting, unspecified	Diagnosis	ICD-10-CM
R11.11	Vomiting without nausea	Diagnosis	ICD-10-CM
R11.12	Projectile vomiting	Diagnosis	ICD-10-CM
R11.13	Vomiting of fecal matter	Diagnosis	ICD-10-CM
R11.14	Bilious vomiting	Diagnosis	ICD-10-CM
R11.15	Cyclical vomiting syndrome unrelated to migraine	Diagnosis	ICD-10-CM
R11.2	Nausea with vomiting, unspecified	Diagnosis	ICD-10-CM
Obesity or Overweight			
E65	Localized adiposity	Diagnosis	ICD-10-CM
E66	Overweight and obesity	Diagnosis	ICD-10-CM
E66.0	Obesity due to excess calories	Diagnosis	ICD-10-CM
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
E66.3	Overweight	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
Z68.25	Body mass index [BMI] 25.0-25.9, adult	Diagnosis	ICD-10-CM
Z68.26	Body mass index [BMI] 26.0-26.9, adult	Diagnosis	ICD-10-CM
Z68.27	Body mass index [BMI] 27.0-27.9, adult	Diagnosis	ICD-10-CM
Z68.28	Body mass index [BMI] 28.0-28.9, adult	Diagnosis	ICD-10-CM
Z68.29	Body mass index [BMI] 29.0-29.9, adult	Diagnosis	ICD-10-CM
Z68.3	Body mass index [BMI] 30-39, adult	Diagnosis	ICD-10-CM
Z68.30	Body mass index [BMI] 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index [BMI] 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index [BMI] 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index [BMI] 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index [BMI] 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index [BMI] 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index [BMI] 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index [BMI] 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index [BMI] 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index [BMI] 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z68.4	Body mass index [BMI] 40 or greater, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index [BMI] 40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index [BMI] 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index [BMI] 50.0-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index [BMI] 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index [BMI] 70 or greater, adult	Diagnosis	ICD-10-CM
Z68.53	Body mass index [BMI] pediatric, 85th percentile to less than 95th percentile for age	Diagnosis	ICD-10-CM
Z68.54	Body mass index [BMI] pediatric, greater than or equal to 95th percentile for age	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Obsessive-Compulsive Disorder			
F42	Obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM
Pain Conditions			
F45.4	Pain disorders related to psychological factors	Diagnosis	ICD-10-CM
F45.41	Pain disorder exclusively related to psychological factors	Diagnosis	ICD-10-CM
F45.42	Pain disorder with related psychological factors	Diagnosis	ICD-10-CM
G89.0	Central pain syndrome	Diagnosis	ICD-10-CM
G89.1	Acute pain, not elsewhere classified	Diagnosis	ICD-10-CM
G89.11	Acute pain due to trauma	Diagnosis	ICD-10-CM
G89.12	Acute post-thoracotomy pain	Diagnosis	ICD-10-CM
G89.18	Other acute postprocedural pain	Diagnosis	ICD-10-CM
G89.2	Chronic pain, not elsewhere classified	Diagnosis	ICD-10-CM
G89.21	Chronic pain due to trauma	Diagnosis	ICD-10-CM
G89.22	Chronic post-thoracotomy pain	Diagnosis	ICD-10-CM
G89.28	Other chronic postprocedural pain	Diagnosis	ICD-10-CM
G89.29	Other chronic pain	Diagnosis	ICD-10-CM
G89.3	Neoplasm related pain (acute) (chronic)	Diagnosis	ICD-10-CM
G89.4	Chronic pain syndrome	Diagnosis	ICD-10-CM
M25.5	Pain in joint	Diagnosis	ICD-10-CM
M25.50	Pain in unspecified joint	Diagnosis	ICD-10-CM
M25.51	Pain in shoulder	Diagnosis	ICD-10-CM
M25.511	Pain in right shoulder	Diagnosis	ICD-10-CM
M25.512	Pain in left shoulder	Diagnosis	ICD-10-CM
M25.519	Pain in unspecified shoulder	Diagnosis	ICD-10-CM
M25.52	Pain in elbow	Diagnosis	ICD-10-CM
M25.521	Pain in right elbow	Diagnosis	ICD-10-CM
M25.522	Pain in left elbow	Diagnosis	ICD-10-CM
M25.529	Pain in unspecified elbow	Diagnosis	ICD-10-CM
M25.53	Pain in wrist	Diagnosis	ICD-10-CM
M25.531	Pain in right wrist	Diagnosis	ICD-10-CM
M25.532	Pain in left wrist	Diagnosis	ICD-10-CM
M25.539	Pain in unspecified wrist	Diagnosis	ICD-10-CM
M25.54	Pain in joints of hand	Diagnosis	ICD-10-CM
M25.541	Pain in joints of right hand	Diagnosis	ICD-10-CM
M25.542	Pain in joints of left hand	Diagnosis	ICD-10-CM
M25.549	Pain in joints of unspecified hand	Diagnosis	ICD-10-CM
M25.55	Pain in hip	Diagnosis	ICD-10-CM
M25.551	Pain in right hip	Diagnosis	ICD-10-CM
M25.552	Pain in left hip	Diagnosis	ICD-10-CM
M25.559	Pain in unspecified hip	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M25.56	Pain in knee	Diagnosis	ICD-10-CM
M25.561	Pain in right knee	Diagnosis	ICD-10-CM
M25.562	Pain in left knee	Diagnosis	ICD-10-CM
M25.569	Pain in unspecified knee	Diagnosis	ICD-10-CM
M25.57	Pain in ankle and joints of foot	Diagnosis	ICD-10-CM
M25.571	Pain in right ankle and joints of right foot	Diagnosis	ICD-10-CM
M25.572	Pain in left ankle and joints of left foot	Diagnosis	ICD-10-CM
M25.579	Pain in unspecified ankle and joints of unspecified foot	Diagnosis	ICD-10-CM
M25.59	Pain in other specified joint	Diagnosis	ICD-10-CM
M54.0	Panniculitis affecting regions of neck and back	Diagnosis	ICD-10-CM
M54.00	Panniculitis affecting regions of neck and back, site unspecified	Diagnosis	ICD-10-CM
M54.01	Panniculitis affecting regions of neck and back, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M54.02	Panniculitis affecting regions of neck and back, cervical region	Diagnosis	ICD-10-CM
M54.03	Panniculitis affecting regions of neck and back, cervicothoracic region	Diagnosis	ICD-10-CM
M54.04	Panniculitis affecting regions of neck and back, thoracic region	Diagnosis	ICD-10-CM
M54.05	Panniculitis affecting regions of neck and back, thoracolumbar region	Diagnosis	ICD-10-CM
M54.06	Panniculitis affecting regions of neck and back, lumbar region	Diagnosis	ICD-10-CM
M54.07	Panniculitis affecting regions of neck and back, lumbosacral region	Diagnosis	ICD-10-CM
M54.08	Panniculitis affecting regions of neck and back, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M54.09	Panniculitis affecting regions, neck and back, multiple sites in spine	Diagnosis	ICD-10-CM
M54.1	Radiculopathy	Diagnosis	ICD-10-CM
M54.10	Radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M54.11	Radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M54.12	Radiculopathy, cervical region	Diagnosis	ICD-10-CM
M54.13	Radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M54.14	Radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M54.15	Radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M54.16	Radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M54.17	Radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M54.18	Radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M54.2	Cervicalgia	Diagnosis	ICD-10-CM
M54.3	Sciatica	Diagnosis	ICD-10-CM
M54.30	Sciatica, unspecified side	Diagnosis	ICD-10-CM
M54.31	Sciatica, right side	Diagnosis	ICD-10-CM
M54.32	Sciatica, left side	Diagnosis	ICD-10-CM
M54.4	Lumbago with sciatica	Diagnosis	ICD-10-CM
M54.40	Lumbago with sciatica, unspecified side	Diagnosis	ICD-10-CM
M54.41	Lumbago with sciatica, right side	Diagnosis	ICD-10-CM
M54.42	Lumbago with sciatica, left side	Diagnosis	ICD-10-CM
M54.5	Low back pain	Diagnosis	ICD-10-CM
M54.50	Low back pain, unspecified	Diagnosis	ICD-10-CM
M54.51	Vertebrogenic low back pain	Diagnosis	ICD-10-CM
M54.59	Other low back pain	Diagnosis	ICD-10-CM
M54.6	Pain in thoracic spine	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M54.8	Other dorsalgia	Diagnosis	ICD-10-CM
M54.81	Occipital neuralgia	Diagnosis	ICD-10-CM
M54.89	Other dorsalgia	Diagnosis	ICD-10-CM
M54.9	Dorsalgia, unspecified	Diagnosis	ICD-10-CM
R07.0	Pain in throat	Diagnosis	ICD-10-CM
R07.1	Chest pain on breathing	Diagnosis	ICD-10-CM
R07.2	Precordial pain	Diagnosis	ICD-10-CM
R07.8	Other chest pain	Diagnosis	ICD-10-CM
R07.81	Pleurodynia	Diagnosis	ICD-10-CM
R07.82	Intercostal pain	Diagnosis	ICD-10-CM
R07.89	Other chest pain	Diagnosis	ICD-10-CM
R07.9	Chest pain, unspecified	Diagnosis	ICD-10-CM
R10.0	Acute abdomen	Diagnosis	ICD-10-CM
R10.1	Pain localized to upper abdomen	Diagnosis	ICD-10-CM
R10.10	Upper abdominal pain, unspecified	Diagnosis	ICD-10-CM
R10.11	Right upper quadrant pain	Diagnosis	ICD-10-CM
R10.12	Left upper quadrant pain	Diagnosis	ICD-10-CM
R10.13	Epigastric pain	Diagnosis	ICD-10-CM
R10.2	Pelvic and perineal pain	Diagnosis	ICD-10-CM
R10.3	Pain localized to other parts of lower abdomen	Diagnosis	ICD-10-CM
R10.30	Lower abdominal pain, unspecified	Diagnosis	ICD-10-CM
R10.31	Right lower quadrant pain	Diagnosis	ICD-10-CM
R10.32	Left lower quadrant pain	Diagnosis	ICD-10-CM
R10.33	Periumbilical pain	Diagnosis	ICD-10-CM
R10.8	Other abdominal pain	Diagnosis	ICD-10-CM
R10.81	Abdominal tenderness	Diagnosis	ICD-10-CM
R10.811	Right upper quadrant abdominal tenderness	Diagnosis	ICD-10-CM
R10.812	Left upper quadrant abdominal tenderness	Diagnosis	ICD-10-CM
R10.813	Right lower quadrant abdominal tenderness	Diagnosis	ICD-10-CM
R10.814	Left lower quadrant abdominal tenderness	Diagnosis	ICD-10-CM
R10.815	Periumbilic abdominal tenderness	Diagnosis	ICD-10-CM
R10.816	Epigastric abdominal tenderness	Diagnosis	ICD-10-CM
R10.817	Generalized abdominal tenderness	Diagnosis	ICD-10-CM
R10.819	Abdominal tenderness, unspecified site	Diagnosis	ICD-10-CM
R10.82	Rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.821	Right upper quadrant rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.822	Left upper quadrant rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.823	Right lower quadrant rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.824	Left lower quadrant rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.825	Periumbilic rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.826	Epigastric rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.827	Generalized rebound abdominal tenderness	Diagnosis	ICD-10-CM
R10.829	Rebound abdominal tenderness, unspecified site	Diagnosis	ICD-10-CM
R10.83	Colic	Diagnosis	ICD-10-CM
R10.84	Generalized abdominal pain	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
R10.9	Unspecified abdominal pain	Diagnosis	ICD-10-CM
R52	Pain, unspecified	Diagnosis	ICD-10-CM
Pervasive Developmental Disorders			
F84	Pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.0	Autistic disorder	Diagnosis	ICD-10-CM
F84.2	Rett's syndrome	Diagnosis	ICD-10-CM
F84.3	Other childhood disintegrative disorder	Diagnosis	ICD-10-CM
F84.5	Asperger's syndrome	Diagnosis	ICD-10-CM
F84.8	Other pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.9	Pervasive developmental disorder, unspecified	Diagnosis	ICD-10-CM
Psychotic Disorders			
F06.33	Mood disorder due to known physiological condition with manic features	Diagnosis	ICD-10-CM
F20.0	Paranoid schizophrenia	Diagnosis	ICD-10-CM
F20.1	Disorganized schizophrenia	Diagnosis	ICD-10-CM
F20.2	Catatonic schizophrenia	Diagnosis	ICD-10-CM
F20.3	Undifferentiated schizophrenia	Diagnosis	ICD-10-CM
F20.5	Residual schizophrenia	Diagnosis	ICD-10-CM
F20.8	Other schizophrenia	Diagnosis	ICD-10-CM
F20.81	Schizophreniform disorder	Diagnosis	ICD-10-CM
F20.89	Other schizophrenia	Diagnosis	ICD-10-CM
F20.9	Schizophrenia, unspecified	Diagnosis	ICD-10-CM
F22	Delusional disorders	Diagnosis	ICD-10-CM
F23	Brief psychotic disorder	Diagnosis	ICD-10-CM
F24	Shared psychotic disorder	Diagnosis	ICD-10-CM
F25.0	Schizoaffective disorder, bipolar type	Diagnosis	ICD-10-CM
F25.1	Schizoaffective disorder, depressive type	Diagnosis	ICD-10-CM
F25.8	Other schizoaffective disorders	Diagnosis	ICD-10-CM
F25.9	Schizoaffective disorder, unspecified	Diagnosis	ICD-10-CM
F28	Other psychotic disorder not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F29	Unspecified psychosis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F30.1	Manic episode without psychotic symptoms	Diagnosis	ICD-10-CM
F30.10	Manic episode without psychotic symptoms, unspecified	Diagnosis	ICD-10-CM
F30.11	Manic episode without psychotic symptoms, mild	Diagnosis	ICD-10-CM
F30.12	Manic episode without psychotic symptoms, moderate	Diagnosis	ICD-10-CM
F30.13	Manic episode, severe, without psychotic symptoms	Diagnosis	ICD-10-CM
F30.2	Manic episode, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F30.3	Manic episode in partial remission	Diagnosis	ICD-10-CM
F30.4	Manic episode in full remission	Diagnosis	ICD-10-CM
F30.8	Other manic episodes	Diagnosis	ICD-10-CM
F30.9	Manic episode, unspecified	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.1	Bipolar disorder, current episode manic without psychotic features	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	Diagnosis	ICD-10-CM
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	Diagnosis	ICD-10-CM
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	Diagnosis	ICD-10-CM
F31.2	Bipolar disorder, current episode manic severe with psychotic features	Diagnosis	ICD-10-CM
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity	Diagnosis	ICD-10-CM
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	Diagnosis	ICD-10-CM
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.6	Bipolar disorder, current episode mixed	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.7	Bipolar disorder, currently in remission	Diagnosis	ICD-10-CM
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.74	Bipolar disorder, in full remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.8	Other bipolar disorders	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
R44.0	Auditory hallucinations	Diagnosis	ICD-10-CM
R44.1	Visual hallucinations	Diagnosis	ICD-10-CM
R44.2	Other hallucinations	Diagnosis	ICD-10-CM
R44.3	Hallucinations, unspecified	Diagnosis	ICD-10-CM
R44.8	Other symptoms and signs involving general sensations and perceptions	Diagnosis	ICD-10-CM
R44.9	Unspecified symptoms and signs involving general sensations and perceptions	Diagnosis	ICD-10-CM
Rheumatologic Disorders			
M08	Juvenile arthritis	Diagnosis	ICD-10-CM
M08.0	Unspecified juvenile rheumatoid arthritis	Diagnosis	ICD-10-CM
M08.00	Unspecified juvenile rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M08.01	Unspecified juvenile rheumatoid arthritis, shoulder	Diagnosis	ICD-10-CM
M08.011	Unspecified juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.012	Unspecified juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.019	Unspecified juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.02	Unspecified juvenile rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M08.021	Unspecified juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.022	Unspecified juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.029	Unspecified juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.03	Unspecified juvenile rheumatoid arthritis, wrist	Diagnosis	ICD-10-CM
M08.031	Unspecified juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.032	Unspecified juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.039	Unspecified juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.04	Unspecified juvenile rheumatoid arthritis, hand	Diagnosis	ICD-10-CM
M08.041	Unspecified juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.042	Unspecified juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.049	Unspecified juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.05	Unspecified juvenile rheumatoid arthritis, hip	Diagnosis	ICD-10-CM
M08.051	Unspecified juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.052	Unspecified juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.059	Unspecified juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.06	Unspecified juvenile rheumatoid arthritis, knee	Diagnosis	ICD-10-CM
M08.061	Unspecified juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.062	Unspecified juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.069	Unspecified juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.07	Unspecified juvenile rheumatoid arthritis, ankle and foot	Diagnosis	ICD-10-CM
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.08	Unspecified juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.09	Unspecified juvenile rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.0A	Unspecified juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M08.1	Juvenile ankylosing spondylitis	Diagnosis	ICD-10-CM
M08.2	Juvenile rheumatoid arthritis with systemic onset	Diagnosis	ICD-10-CM
M08.20	Juvenile rheumatoid arthritis with systemic onset, unspecified site	Diagnosis	ICD-10-CM
M08.21	Juvenile rheumatoid arthritis with systemic onset, shoulder	Diagnosis	ICD-10-CM
M08.211	Juvenile rheumatoid arthritis with systemic onset, right shoulder	Diagnosis	ICD-10-CM
M08.212	Juvenile rheumatoid arthritis with systemic onset, left shoulder	Diagnosis	ICD-10-CM
M08.219	Juvenile rheumatoid arthritis with systemic onset, unspecified shoulder	Diagnosis	ICD-10-CM
M08.22	Juvenile rheumatoid arthritis with systemic onset, elbow	Diagnosis	ICD-10-CM
M08.221	Juvenile rheumatoid arthritis with systemic onset, right elbow	Diagnosis	ICD-10-CM
M08.222	Juvenile rheumatoid arthritis with systemic onset, left elbow	Diagnosis	ICD-10-CM
M08.229	Juvenile rheumatoid arthritis with systemic onset, unspecified elbow	Diagnosis	ICD-10-CM
M08.23	Juvenile rheumatoid arthritis with systemic onset, wrist	Diagnosis	ICD-10-CM
M08.231	Juvenile rheumatoid arthritis with systemic onset, right wrist	Diagnosis	ICD-10-CM
M08.232	Juvenile rheumatoid arthritis with systemic onset, left wrist	Diagnosis	ICD-10-CM
M08.239	Juvenile rheumatoid arthritis with systemic onset, unspecified wrist	Diagnosis	ICD-10-CM
M08.24	Juvenile rheumatoid arthritis with systemic onset, hand	Diagnosis	ICD-10-CM
M08.241	Juvenile rheumatoid arthritis with systemic onset, right hand	Diagnosis	ICD-10-CM
M08.242	Juvenile rheumatoid arthritis with systemic onset, left hand	Diagnosis	ICD-10-CM
M08.249	Juvenile rheumatoid arthritis with systemic onset, unspecified hand	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M08.25	Juvenile rheumatoid arthritis with systemic onset, hip	Diagnosis	ICD-10-CM
M08.251	Juvenile rheumatoid arthritis with systemic onset, right hip	Diagnosis	ICD-10-CM
M08.252	Juvenile rheumatoid arthritis with systemic onset, left hip	Diagnosis	ICD-10-CM
M08.259	Juvenile rheumatoid arthritis with systemic onset, unspecified hip	Diagnosis	ICD-10-CM
M08.26	Juvenile rheumatoid arthritis with systemic onset, knee	Diagnosis	ICD-10-CM
M08.261	Juvenile rheumatoid arthritis with systemic onset, right knee	Diagnosis	ICD-10-CM
M08.262	Juvenile rheumatoid arthritis with systemic onset, left knee	Diagnosis	ICD-10-CM
M08.269	Juvenile rheumatoid arthritis with systemic onset, unspecified knee	Diagnosis	ICD-10-CM
M08.27	Juvenile rheumatoid arthritis with systemic onset, ankle and foot	Diagnosis	ICD-10-CM
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot	Diagnosis	ICD-10-CM
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot	Diagnosis	ICD-10-CM
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.28	Juvenile rheumatoid arthritis with systemic onset, vertebrae	Diagnosis	ICD-10-CM
M08.29	Juvenile rheumatoid arthritis with systemic onset, multiple sites	Diagnosis	ICD-10-CM
M08.2A	Juvenile rheumatoid arthritis with systemic onset, other specified site	Diagnosis	ICD-10-CM
M08.3	Juvenile rheumatoid polyarthritis (seronegative)	Diagnosis	ICD-10-CM
M08.4	Pauciarticular juvenile rheumatoid arthritis	Diagnosis	ICD-10-CM
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.41	Pauciarticular juvenile rheumatoid arthritis, shoulder	Diagnosis	ICD-10-CM
M08.411	Pauciarticular juvenile rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.412	Pauciarticular juvenile rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.419	Pauciarticular juvenile rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.42	Pauciarticular juvenile rheumatoid arthritis, elbow	Diagnosis	ICD-10-CM
M08.421	Pauciarticular juvenile rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M08.422	Pauciarticular juvenile rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M08.429	Pauciarticular juvenile rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.43	Pauciarticular juvenile rheumatoid arthritis, wrist	Diagnosis	ICD-10-CM
M08.431	Pauciarticular juvenile rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M08.432	Pauciarticular juvenile rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M08.439	Pauciarticular juvenile rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.44	Pauciarticular juvenile rheumatoid arthritis, hand	Diagnosis	ICD-10-CM
M08.441	Pauciarticular juvenile rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M08.442	Pauciarticular juvenile rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M08.449	Pauciarticular juvenile rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.45	Pauciarticular juvenile rheumatoid arthritis, hip	Diagnosis	ICD-10-CM
M08.451	Pauciarticular juvenile rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M08.452	Pauciarticular juvenile rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M08.459	Pauciarticular juvenile rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.46	Pauciarticular juvenile rheumatoid arthritis, knee	Diagnosis	ICD-10-CM
M08.461	Pauciarticular juvenile rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M08.462	Pauciarticular juvenile rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M08.469	Pauciarticular juvenile rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.47	Pauciarticular juvenile rheumatoid arthritis, ankle and foot	Diagnosis	ICD-10-CM
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.48	Pauciarticular juvenile rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M08.4A	Pauciarticular juvenile rheumatoid arthritis, other specified site	Diagnosis	ICD-10-CM
M08.8	Other juvenile arthritis	Diagnosis	ICD-10-CM
M08.80	Other juvenile arthritis, unspecified site	Diagnosis	ICD-10-CM
M08.81	Other juvenile arthritis, shoulder	Diagnosis	ICD-10-CM
M08.811	Other juvenile arthritis, right shoulder	Diagnosis	ICD-10-CM
M08.812	Other juvenile arthritis, left shoulder	Diagnosis	ICD-10-CM
M08.819	Other juvenile arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M08.82	Other juvenile arthritis, elbow	Diagnosis	ICD-10-CM
M08.821	Other juvenile arthritis, right elbow	Diagnosis	ICD-10-CM
M08.822	Other juvenile arthritis, left elbow	Diagnosis	ICD-10-CM
M08.829	Other juvenile arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M08.83	Other juvenile arthritis, wrist	Diagnosis	ICD-10-CM
M08.831	Other juvenile arthritis, right wrist	Diagnosis	ICD-10-CM
M08.832	Other juvenile arthritis, left wrist	Diagnosis	ICD-10-CM
M08.839	Other juvenile arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M08.84	Other juvenile arthritis, hand	Diagnosis	ICD-10-CM
M08.841	Other juvenile arthritis, right hand	Diagnosis	ICD-10-CM
M08.842	Other juvenile arthritis, left hand	Diagnosis	ICD-10-CM
M08.849	Other juvenile arthritis, unspecified hand	Diagnosis	ICD-10-CM
M08.85	Other juvenile arthritis, hip	Diagnosis	ICD-10-CM
M08.851	Other juvenile arthritis, right hip	Diagnosis	ICD-10-CM
M08.852	Other juvenile arthritis, left hip	Diagnosis	ICD-10-CM
M08.859	Other juvenile arthritis, unspecified hip	Diagnosis	ICD-10-CM
M08.86	Other juvenile arthritis, knee	Diagnosis	ICD-10-CM
M08.861	Other juvenile arthritis, right knee	Diagnosis	ICD-10-CM
M08.862	Other juvenile arthritis, left knee	Diagnosis	ICD-10-CM
M08.869	Other juvenile arthritis, unspecified knee	Diagnosis	ICD-10-CM
M08.87	Other juvenile arthritis, ankle and foot	Diagnosis	ICD-10-CM
M08.871	Other juvenile arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M08.872	Other juvenile arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M08.879	Other juvenile arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.88	Other juvenile arthritis, other specified site	Diagnosis	ICD-10-CM
M08.89	Other juvenile arthritis, multiple sites	Diagnosis	ICD-10-CM
M08.9	Juvenile arthritis, unspecified	Diagnosis	ICD-10-CM
M08.90	Juvenile arthritis, unspecified, unspecified site	Diagnosis	ICD-10-CM
M08.91	Juvenile arthritis, unspecified, shoulder	Diagnosis	ICD-10-CM
M08.911	Juvenile arthritis, unspecified, right shoulder	Diagnosis	ICD-10-CM
M08.912	Juvenile arthritis, unspecified, left shoulder	Diagnosis	ICD-10-CM
M08.919	Juvenile arthritis, unspecified, unspecified shoulder	Diagnosis	ICD-10-CM
M08.92	Juvenile arthritis, unspecified, elbow	Diagnosis	ICD-10-CM
M08.921	Juvenile arthritis, unspecified, right elbow	Diagnosis	ICD-10-CM
M08.922	Juvenile arthritis, unspecified, left elbow	Diagnosis	ICD-10-CM
M08.929	Juvenile arthritis, unspecified, unspecified elbow	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M08.93	Juvenile arthritis, unspecified, wrist	Diagnosis	ICD-10-CM
M08.931	Juvenile arthritis, unspecified, right wrist	Diagnosis	ICD-10-CM
M08.932	Juvenile arthritis, unspecified, left wrist	Diagnosis	ICD-10-CM
M08.939	Juvenile arthritis, unspecified, unspecified wrist	Diagnosis	ICD-10-CM
M08.94	Juvenile arthritis, unspecified, hand	Diagnosis	ICD-10-CM
M08.941	Juvenile arthritis, unspecified, right hand	Diagnosis	ICD-10-CM
M08.942	Juvenile arthritis, unspecified, left hand	Diagnosis	ICD-10-CM
M08.949	Juvenile arthritis, unspecified, unspecified hand	Diagnosis	ICD-10-CM
M08.95	Juvenile arthritis, unspecified, hip	Diagnosis	ICD-10-CM
M08.951	Juvenile arthritis, unspecified, right hip	Diagnosis	ICD-10-CM
M08.952	Juvenile arthritis, unspecified, left hip	Diagnosis	ICD-10-CM
M08.959	Juvenile arthritis, unspecified, unspecified hip	Diagnosis	ICD-10-CM
M08.96	Juvenile arthritis, unspecified, knee	Diagnosis	ICD-10-CM
M08.961	Juvenile arthritis, unspecified, right knee	Diagnosis	ICD-10-CM
M08.962	Juvenile arthritis, unspecified, left knee	Diagnosis	ICD-10-CM
M08.969	Juvenile arthritis, unspecified, unspecified knee	Diagnosis	ICD-10-CM
M08.97	Juvenile arthritis, unspecified, ankle and foot	Diagnosis	ICD-10-CM
M08.971	Juvenile arthritis, unspecified, right ankle and foot	Diagnosis	ICD-10-CM
M08.972	Juvenile arthritis, unspecified, left ankle and foot	Diagnosis	ICD-10-CM
M08.979	Juvenile arthritis, unspecified, unspecified ankle and foot	Diagnosis	ICD-10-CM
M08.98	Juvenile arthritis, unspecified, vertebrae	Diagnosis	ICD-10-CM
M08.99	Juvenile arthritis, unspecified, multiple sites	Diagnosis	ICD-10-CM
M08.9A	Juvenile arthritis, unspecified, other specified site	Diagnosis	ICD-10-CM
M32	Systemic lupus erythematosus (SLE)	Diagnosis	ICD-10-CM
M32.0	Drug-induced systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.1	Systemic lupus erythematosus with organ or system involvement	Diagnosis	ICD-10-CM
M32.10	Systemic lupus erythematosus, organ or system involvement unspecified	Diagnosis	ICD-10-CM
M32.11	Endocarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.12	Pericarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.13	Lung involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.19	Other organ or system involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.8	Other forms of systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.9	Systemic lupus erythematosus, unspecified	Diagnosis	ICD-10-CM
M45	Ankylosing spondylitis	Diagnosis	ICD-10-CM
M45.0	Ankylosing spondylitis of multiple sites in spine	Diagnosis	ICD-10-CM
M45.1	Ankylosing spondylitis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.2	Ankylosing spondylitis of cervical region	Diagnosis	ICD-10-CM
M45.3	Ankylosing spondylitis of cervicothoracic region	Diagnosis	ICD-10-CM
M45.4	Ankylosing spondylitis of thoracic region	Diagnosis	ICD-10-CM
M45.5	Ankylosing spondylitis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.6	Ankylosing spondylitis lumbar region	Diagnosis	ICD-10-CM
M45.7	Ankylosing spondylitis of lumbosacral region	Diagnosis	ICD-10-CM
M45.8	Ankylosing spondylitis sacral and sacrococcygeal region	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M45.9	Ankylosing spondylitis of unspecified sites in spine	Diagnosis	ICD-10-CM
M45.A	Non-radiographic axial spondyloarthritis	Diagnosis	ICD-10-CM
M45.A0	Non-radiographic axial spondyloarthritis of unspecified sites in spine	Diagnosis	ICD-10-CM
M45.A1	Non-radiographic axial spondyloarthritis of occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M45.A2	Non-radiographic axial spondyloarthritis of cervical region	Diagnosis	ICD-10-CM
M45.A3	Non-radiographic axial spondyloarthritis of cervicothoracic region	Diagnosis	ICD-10-CM
M45.A4	Non-radiographic axial spondyloarthritis of thoracic region	Diagnosis	ICD-10-CM
M45.A5	Non-radiographic axial spondyloarthritis of thoracolumbar region	Diagnosis	ICD-10-CM
M45.A6	Non-radiographic axial spondyloarthritis of lumbar region	Diagnosis	ICD-10-CM
M45.A7	Non-radiographic axial spondyloarthritis of lumbosacral region	Diagnosis	ICD-10-CM
M45.A8	Non-radiographic axial spondyloarthritis of sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M45.AB	Non-radiographic axial spondyloarthritis of multiple sites in spine	Diagnosis	ICD-10-CM
M46	Other inflammatory spondylopathies	Diagnosis	ICD-10-CM
M46.0	Spinal enthesopathy	Diagnosis	ICD-10-CM
M46.00	Spinal enthesopathy, site unspecified	Diagnosis	ICD-10-CM
M46.01	Spinal enthesopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.02	Spinal enthesopathy, cervical region	Diagnosis	ICD-10-CM
M46.03	Spinal enthesopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M46.04	Spinal enthesopathy, thoracic region	Diagnosis	ICD-10-CM
M46.05	Spinal enthesopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M46.06	Spinal enthesopathy, lumbar region	Diagnosis	ICD-10-CM
M46.07	Spinal enthesopathy, lumbosacral region	Diagnosis	ICD-10-CM
M46.08	Spinal enthesopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.09	Spinal enthesopathy, multiple sites in spine	Diagnosis	ICD-10-CM
M46.1	Sacroiliitis, not elsewhere classified	Diagnosis	ICD-10-CM
M46.2	Osteomyelitis of vertebra	Diagnosis	ICD-10-CM
M46.20	Osteomyelitis of vertebra, site unspecified	Diagnosis	ICD-10-CM
M46.21	Osteomyelitis of vertebra, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.22	Osteomyelitis of vertebra, cervical region	Diagnosis	ICD-10-CM
M46.23	Osteomyelitis of vertebra, cervicothoracic region	Diagnosis	ICD-10-CM
M46.24	Osteomyelitis of vertebra, thoracic region	Diagnosis	ICD-10-CM
M46.25	Osteomyelitis of vertebra, thoracolumbar region	Diagnosis	ICD-10-CM
M46.26	Osteomyelitis of vertebra, lumbar region	Diagnosis	ICD-10-CM
M46.27	Osteomyelitis of vertebra, lumbosacral region	Diagnosis	ICD-10-CM
M46.28	Osteomyelitis of vertebra, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.3	Infection of intervertebral disc (pyogenic)	Diagnosis	ICD-10-CM
M46.30	Infection of intervertebral disc (pyogenic), site unspecified	Diagnosis	ICD-10-CM
M46.31	Infection of intervertebral disc (pyogenic), occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.32	Infection of intervertebral disc (pyogenic), cervical region	Diagnosis	ICD-10-CM
M46.33	Infection of intervertebral disc (pyogenic), cervicothoracic region	Diagnosis	ICD-10-CM
M46.34	Infection of intervertebral disc (pyogenic), thoracic region	Diagnosis	ICD-10-CM
M46.35	Infection of intervertebral disc (pyogenic), thoracolumbar region	Diagnosis	ICD-10-CM
M46.36	Infection of intervertebral disc (pyogenic), lumbar region	Diagnosis	ICD-10-CM
M46.37	Infection of intervertebral disc (pyogenic), lumbosacral region	Diagnosis	ICD-10-CM
M46.38	Infection of intervertebral disc (pyogenic), sacral and sacrococcygeal region	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M46.39	Infection of intervertebral disc (pyogenic), multiple sites in spine	Diagnosis	ICD-10-CM
M46.4	Discitis, unspecified	Diagnosis	ICD-10-CM
M46.40	Discitis, unspecified, site unspecified	Diagnosis	ICD-10-CM
M46.41	Discitis, unspecified, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.42	Discitis, unspecified, cervical region	Diagnosis	ICD-10-CM
M46.43	Discitis, unspecified, cervicothoracic region	Diagnosis	ICD-10-CM
M46.44	Discitis, unspecified, thoracic region	Diagnosis	ICD-10-CM
M46.45	Discitis, unspecified, thoracolumbar region	Diagnosis	ICD-10-CM
M46.46	Discitis, unspecified, lumbar region	Diagnosis	ICD-10-CM
M46.47	Discitis, unspecified, lumbosacral region	Diagnosis	ICD-10-CM
M46.48	Discitis, unspecified, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.49	Discitis, unspecified, multiple sites in spine	Diagnosis	ICD-10-CM
M46.5	Other infective spondylopathies	Diagnosis	ICD-10-CM
M46.50	Other infective spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M46.51	Other infective spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.52	Other infective spondylopathies, cervical region	Diagnosis	ICD-10-CM
M46.53	Other infective spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M46.54	Other infective spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M46.55	Other infective spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M46.56	Other infective spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M46.57	Other infective spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M46.58	Other infective spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.59	Other infective spondylopathies, multiple sites in spine	Diagnosis	ICD-10-CM
M46.8	Other specified inflammatory spondylopathies	Diagnosis	ICD-10-CM
M46.80	Other specified inflammatory spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M46.81	Other specified inflammatory spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.82	Other specified inflammatory spondylopathies, cervical region	Diagnosis	ICD-10-CM
M46.83	Other specified inflammatory spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M46.84	Other specified inflammatory spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M46.85	Other specified inflammatory spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M46.86	Other specified inflammatory spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M46.87	Other specified inflammatory spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M46.88	Other specified inflammatory spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.89	Other specified inflammatory spondylopathies, multiple sites in spine	Diagnosis	ICD-10-CM
M46.9	Unspecified inflammatory spondylopathy	Diagnosis	ICD-10-CM
M46.90	Unspecified inflammatory spondylopathy, site unspecified	Diagnosis	ICD-10-CM
M46.91	Unspecified inflammatory spondylopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M46.92	Unspecified inflammatory spondylopathy, cervical region	Diagnosis	ICD-10-CM
M46.93	Unspecified inflammatory spondylopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M46.94	Unspecified inflammatory spondylopathy, thoracic region	Diagnosis	ICD-10-CM
M46.95	Unspecified inflammatory spondylopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M46.96	Unspecified inflammatory spondylopathy, lumbar region	Diagnosis	ICD-10-CM
M46.97	Unspecified inflammatory spondylopathy, lumbosacral region	Diagnosis	ICD-10-CM
M46.98	Unspecified inflammatory spondylopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M46.99	Unspecified inflammatory spondylopathy, multiple sites in spine	Diagnosis	ICD-10-CM
M47	Spondylosis	Diagnosis	ICD-10-CM
M47.0	Anterior spinal and vertebral artery compression syndromes	Diagnosis	ICD-10-CM
M47.01	Anterior spinal artery compression syndromes	Diagnosis	ICD-10-CM
M47.011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.012	Anterior spinal artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
M47.013	Anterior spinal artery compression syndromes, cervicothoracic region	Diagnosis	ICD-10-CM
M47.014	Anterior spinal artery compression syndromes, thoracic region	Diagnosis	ICD-10-CM
M47.015	Anterior spinal artery compression syndromes, thoracolumbar region	Diagnosis	ICD-10-CM
M47.016	Anterior spinal artery compression syndromes, lumbar region	Diagnosis	ICD-10-CM
M47.019	Anterior spinal artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
M47.02	Vertebral artery compression syndromes	Diagnosis	ICD-10-CM
M47.021	Vertebral artery compression syndromes, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.022	Vertebral artery compression syndromes, cervical region	Diagnosis	ICD-10-CM
M47.029	Vertebral artery compression syndromes, site unspecified	Diagnosis	ICD-10-CM
M47.1	Other spondylosis with myelopathy	Diagnosis	ICD-10-CM
M47.10	Other spondylosis with myelopathy, site unspecified	Diagnosis	ICD-10-CM
M47.11	Other spondylosis with myelopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.12	Other spondylosis with myelopathy, cervical region	Diagnosis	ICD-10-CM
M47.13	Other spondylosis with myelopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.14	Other spondylosis with myelopathy, thoracic region	Diagnosis	ICD-10-CM
M47.15	Other spondylosis with myelopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.16	Other spondylosis with myelopathy, lumbar region	Diagnosis	ICD-10-CM
M47.17	Other spondylosis with myelopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.18	Other spondylosis with myelopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.2	Other spondylosis with radiculopathy	Diagnosis	ICD-10-CM
M47.20	Other spondylosis with radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M47.21	Other spondylosis with radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.22	Other spondylosis with radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.23	Other spondylosis with radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.24	Other spondylosis with radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.25	Other spondylosis with radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.26	Other spondylosis with radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M47.27	Other spondylosis with radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.28	Other spondylosis with radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.8	Other spondylosis	Diagnosis	ICD-10-CM
M47.81	Spondylosis without myelopathy or radiculopathy	Diagnosis	ICD-10-CM
M47.811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.812	Spondylosis without myelopathy or radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M47.814	Spondylosis without myelopathy or radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.815	Spondylosis without myelopathy or radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M47.816	Spondylosis without myelopathy or radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M47.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M47.818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.819	Spondylosis without myelopathy or radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M47.89	Other spondylosis	Diagnosis	ICD-10-CM
M47.891	Other spondylosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M47.892	Other spondylosis, cervical region	Diagnosis	ICD-10-CM
M47.893	Other spondylosis, cervicothoracic region	Diagnosis	ICD-10-CM
M47.894	Other spondylosis, thoracic region	Diagnosis	ICD-10-CM
M47.895	Other spondylosis, thoracolumbar region	Diagnosis	ICD-10-CM
M47.896	Other spondylosis, lumbar region	Diagnosis	ICD-10-CM
M47.897	Other spondylosis, lumbosacral region	Diagnosis	ICD-10-CM
M47.898	Other spondylosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M47.899	Other spondylosis, site unspecified	Diagnosis	ICD-10-CM
M47.9	Spondylosis, unspecified	Diagnosis	ICD-10-CM
M48	Other spondylopathies	Diagnosis	ICD-10-CM
M48.0	Spinal stenosis	Diagnosis	ICD-10-CM
M48.00	Spinal stenosis, site unspecified	Diagnosis	ICD-10-CM
M48.01	Spinal stenosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.02	Spinal stenosis, cervical region	Diagnosis	ICD-10-CM
M48.03	Spinal stenosis, cervicothoracic region	Diagnosis	ICD-10-CM
M48.04	Spinal stenosis, thoracic region	Diagnosis	ICD-10-CM
M48.05	Spinal stenosis, thoracolumbar region	Diagnosis	ICD-10-CM
M48.06	Spinal stenosis, lumbar region	Diagnosis	ICD-10-CM
M48.061	Spinal stenosis, lumbar region without neurogenic claudication	Diagnosis	ICD-10-CM
M48.062	Spinal stenosis, lumbar region with neurogenic claudication	Diagnosis	ICD-10-CM
M48.07	Spinal stenosis, lumbosacral region	Diagnosis	ICD-10-CM
M48.08	Spinal stenosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.1	Ankylosing hyperostosis [Forestier]	Diagnosis	ICD-10-CM
M48.10	Ankylosing hyperostosis [Forestier], site unspecified	Diagnosis	ICD-10-CM
M48.11	Ankylosing hyperostosis [Forestier], occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.12	Ankylosing hyperostosis [Forestier], cervical region	Diagnosis	ICD-10-CM
M48.13	Ankylosing hyperostosis [Forestier], cervicothoracic region	Diagnosis	ICD-10-CM
M48.14	Ankylosing hyperostosis [Forestier], thoracic region	Diagnosis	ICD-10-CM
M48.15	Ankylosing hyperostosis [Forestier], thoracolumbar region	Diagnosis	ICD-10-CM
M48.16	Ankylosing hyperostosis [Forestier], lumbar region	Diagnosis	ICD-10-CM
M48.17	Ankylosing hyperostosis [Forestier], lumbosacral region	Diagnosis	ICD-10-CM
M48.18	Ankylosing hyperostosis [Forestier], sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.19	Ankylosing hyperostosis [Forestier], multiple sites in spine	Diagnosis	ICD-10-CM
M48.2	Kissing spine	Diagnosis	ICD-10-CM
M48.20	Kissing spine, site unspecified	Diagnosis	ICD-10-CM
M48.21	Kissing spine, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.22	Kissing spine, cervical region	Diagnosis	ICD-10-CM
M48.23	Kissing spine, cervicothoracic region	Diagnosis	ICD-10-CM
M48.24	Kissing spine, thoracic region	Diagnosis	ICD-10-CM
M48.25	Kissing spine, thoracolumbar region	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M48.26	Kissing spine, lumbar region	Diagnosis	ICD-10-CM
M48.27	Kissing spine, lumbosacral region	Diagnosis	ICD-10-CM
M48.3	Traumatic spondylopathy	Diagnosis	ICD-10-CM
M48.30	Traumatic spondylopathy, site unspecified	Diagnosis	ICD-10-CM
M48.31	Traumatic spondylopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.32	Traumatic spondylopathy, cervical region	Diagnosis	ICD-10-CM
M48.33	Traumatic spondylopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M48.34	Traumatic spondylopathy, thoracic region	Diagnosis	ICD-10-CM
M48.35	Traumatic spondylopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M48.36	Traumatic spondylopathy, lumbar region	Diagnosis	ICD-10-CM
M48.37	Traumatic spondylopathy, lumbosacral region	Diagnosis	ICD-10-CM
M48.38	Traumatic spondylopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.4	Fatigue fracture of vertebra	Diagnosis	ICD-10-CM
M48.40	Fatigue fracture of vertebra, site unspecified	Diagnosis	ICD-10-CM
M48.40XA	Fatigue fracture of vertebra, site unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.40XD	Fatigue fracture of vertebra, site unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.40XG	Fatigue fracture of vertebra, site unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.40XS	Fatigue fracture of vertebra, site unspecified, sequela of fracture	Diagnosis	ICD-10-CM
M48.41	Fatigue fracture of vertebra, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.41XA	Fatigue fracture of vertebra, occipito-atlanto-axial region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.41XD	Fatigue fracture of vertebra, occipito-atlanto-axial region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.41XG	Fatigue fracture of vertebra, occipito-atlanto-axial region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.41XS	Fatigue fracture of vertebra, occipito-atlanto-axial region, sequela of fracture	Diagnosis	ICD-10-CM
M48.42	Fatigue fracture of vertebra, cervical region	Diagnosis	ICD-10-CM
M48.42XA	Fatigue fracture of vertebra, cervical region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.42XD	Fatigue fracture of vertebra, cervical region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.42XG	Fatigue fracture of vertebra, cervical region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.42XS	Fatigue fracture of vertebra, cervical region, sequela of fracture	Diagnosis	ICD-10-CM
M48.43	Fatigue fracture of vertebra, cervicothoracic region	Diagnosis	ICD-10-CM
M48.43XA	Fatigue fracture of vertebra, cervicothoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.43XD	Fatigue fracture of vertebra, cervicothoracic region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.43XG	Fatigue fracture of vertebra, cervicothoracic region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.43XS	Fatigue fracture of vertebra, cervicothoracic region, sequela of fracture	Diagnosis	ICD-10-CM
M48.44	Fatigue fracture of vertebra, thoracic region	Diagnosis	ICD-10-CM
M48.44XA	Fatigue fracture of vertebra, thoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M48.44XD	Fatigue fracture of vertebra, thoracic region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.44XG	Fatigue fracture of vertebra, thoracic region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.44XS	Fatigue fracture of vertebra, thoracic region, sequela of fracture	Diagnosis	ICD-10-CM
M48.45	Fatigue fracture of vertebra, thoracolumbar region	Diagnosis	ICD-10-CM
M48.45XA	Fatigue fracture of vertebra, thoracolumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.45XD	Fatigue fracture of vertebra, thoracolumbar region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.45XG	Fatigue fracture of vertebra, thoracolumbar region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.45XS	Fatigue fracture of vertebra, thoracolumbar region, sequela of fracture	Diagnosis	ICD-10-CM
M48.46	Fatigue fracture of vertebra, lumbar region	Diagnosis	ICD-10-CM
M48.46XA	Fatigue fracture of vertebra, lumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.46XD	Fatigue fracture of vertebra, lumbar region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.46XG	Fatigue fracture of vertebra, lumbar region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.46XS	Fatigue fracture of vertebra, lumbar region, sequela of fracture	Diagnosis	ICD-10-CM
M48.47	Fatigue fracture of vertebra, lumbosacral region	Diagnosis	ICD-10-CM
M48.47XA	Fatigue fracture of vertebra, lumbosacral region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.47XD	Fatigue fracture of vertebra, lumbosacral region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.47XG	Fatigue fracture of vertebra, lumbosacral region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.47XS	Fatigue fracture of vertebra, lumbosacral region, sequela of fracture	Diagnosis	ICD-10-CM
M48.48	Fatigue fracture of vertebra, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.48XA	Fatigue fracture of vertebra, sacral and sacrococcygeal region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.48XD	Fatigue fracture of vertebra, sacral and sacrococcygeal region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.48XG	Fatigue fracture of vertebra, sacral and sacrococcygeal region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.48XS	Fatigue fracture of vertebra, sacral and sacrococcygeal region, sequela of fracture	Diagnosis	ICD-10-CM
M48.5	Collapsed vertebra, not elsewhere classified	Diagnosis	ICD-10-CM
M48.50	Collapsed vertebra, not elsewhere classified, site unspecified	Diagnosis	ICD-10-CM
M48.50XA	Collapsed vertebra, not elsewhere classified, site unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.50XD	Collapsed vertebra, not elsewhere classified, site unspecified, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.50XG	Collapsed vertebra, not elsewhere classified, site unspecified, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.50XS	Collapsed vertebra, not elsewhere classified, site unspecified, sequela of fracture	Diagnosis	ICD-10-CM
M48.51	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M48.51XA	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.51XD	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.51XG	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.51XS	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region, sequela of fracture	Diagnosis	ICD-10-CM
M48.52	Collapsed vertebra, not elsewhere classified, cervical region	Diagnosis	ICD-10-CM
M48.52XA	Collapsed vertebra, not elsewhere classified, cervical region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.52XD	Collapsed vertebra, not elsewhere classified, cervical region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.52XG	Collapsed vertebra, not elsewhere classified, cervical region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.52XS	Collapsed vertebra, not elsewhere classified, cervical region, sequela of fracture	Diagnosis	ICD-10-CM
M48.53	Collapsed vertebra, not elsewhere classified, cervicothoracic region	Diagnosis	ICD-10-CM
M48.53XA	Collapsed vertebra, not elsewhere classified, cervicothoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.53XD	Collapsed vertebra, not elsewhere classified, cervicothoracic region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.53XG	Collapsed vertebra, not elsewhere classified, cervicothoracic region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.53XS	Collapsed vertebra, not elsewhere classified, cervicothoracic region, sequela of fracture	Diagnosis	ICD-10-CM
M48.54	Collapsed vertebra, not elsewhere classified, thoracic region	Diagnosis	ICD-10-CM
M48.54XA	Collapsed vertebra, not elsewhere classified, thoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.54XD	Collapsed vertebra, not elsewhere classified, thoracic region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.54XG	Collapsed vertebra, not elsewhere classified, thoracic region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.54XS	Collapsed vertebra, not elsewhere classified, thoracic region, sequela of fracture	Diagnosis	ICD-10-CM
M48.55	Collapsed vertebra, not elsewhere classified, thoracolumbar region	Diagnosis	ICD-10-CM
M48.55XA	Collapsed vertebra, not elsewhere classified, thoracolumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.55XD	Collapsed vertebra, not elsewhere classified, thoracolumbar region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.55XG	Collapsed vertebra, not elsewhere classified, thoracolumbar region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.55XS	Collapsed vertebra, not elsewhere classified, thoracolumbar region, sequela of fracture	Diagnosis	ICD-10-CM
M48.56	Collapsed vertebra, not elsewhere classified, lumbar region	Diagnosis	ICD-10-CM
M48.56XA	Collapsed vertebra, not elsewhere classified, lumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
M48.56XD	Collapsed vertebra, not elsewhere classified, lumbar region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.56XG	Collapsed vertebra, not elsewhere classified, lumbar region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.56XS	Collapsed vertebra, not elsewhere classified, lumbar region, sequela of fracture	Diagnosis	ICD-10-CM
M48.57	Collapsed vertebra, not elsewhere classified, lumbosacral region	Diagnosis	ICD-10-CM
M48.57XA	Collapsed vertebra, not elsewhere classified, lumbosacral region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.57XD	Collapsed vertebra, not elsewhere classified, lumbosacral region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.57XG	Collapsed vertebra, not elsewhere classified, lumbosacral region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.57XS	Collapsed vertebra, not elsewhere classified, lumbosacral region, sequela of fracture	Diagnosis	ICD-10-CM
M48.58	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.58XA	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.58XD	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region, subsequent encounter for fracture with routine healing	Diagnosis	ICD-10-CM
M48.58XG	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region, subsequent encounter for fracture with delayed healing	Diagnosis	ICD-10-CM
M48.58XS	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region, sequela of fracture	Diagnosis	ICD-10-CM
M48.8	Other specified spondylopathies	Diagnosis	ICD-10-CM
M48.8X	Other specified spondylopathies	Diagnosis	ICD-10-CM
M48.8X1	Other specified spondylopathies, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.8X2	Other specified spondylopathies, cervical region	Diagnosis	ICD-10-CM
M48.8X3	Other specified spondylopathies, cervicothoracic region	Diagnosis	ICD-10-CM
M48.8X4	Other specified spondylopathies, thoracic region	Diagnosis	ICD-10-CM
M48.8X5	Other specified spondylopathies, thoracolumbar region	Diagnosis	ICD-10-CM
M48.8X6	Other specified spondylopathies, lumbar region	Diagnosis	ICD-10-CM
M48.8X7	Other specified spondylopathies, lumbosacral region	Diagnosis	ICD-10-CM
M48.8X8	Other specified spondylopathies, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M48.8X9	Other specified spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M48.9	Spondylopathy, unspecified	Diagnosis	ICD-10-CM
M49	Spondylopathies in diseases classified elsewhere	Diagnosis	ICD-10-CM
M49.8	Spondylopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
M49.80	Spondylopathy in diseases classified elsewhere, site unspecified	Diagnosis	ICD-10-CM
M49.81	Spondylopathy in diseases classified elsewhere, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M49.82	Spondylopathy in diseases classified elsewhere, cervical region	Diagnosis	ICD-10-CM
M49.83	Spondylopathy in diseases classified elsewhere, cervicothoracic region	Diagnosis	ICD-10-CM
M49.84	Spondylopathy in diseases classified elsewhere, thoracic region	Diagnosis	ICD-10-CM
M49.85	Spondylopathy in diseases classified elsewhere, thoracolumbar region	Diagnosis	ICD-10-CM
M49.86	Spondylopathy in diseases classified elsewhere, lumbar region	Diagnosis	ICD-10-CM
M49.87	Spondylopathy in diseases classified elsewhere, lumbosacral region	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M49.88	Spondylopathy in diseases classified elsewhere, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M49.89	Spondylopathy in diseases classified elsewhere, multiple sites in spine	Diagnosis	ICD-10-CM
Sleep Disorders			
F51.0	Insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.04	Psychophysiologic insomnia	Diagnosis	ICD-10-CM
F51.05	Insomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.1	Hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.13	Hypersomnia due to other mental disorder	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking [somnambulism]	Diagnosis	ICD-10-CM
F51.4	Sleep terrors [night terrors]	Diagnosis	ICD-10-CM
F51.5	Nightmare disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.9	Sleep disorder not due to a substance or known physiological condition, unspecified	Diagnosis	ICD-10-CM
G47.0	Insomnia	Diagnosis	ICD-10-CM
G47.00	Insomnia, unspecified	Diagnosis	ICD-10-CM
G47.01	Insomnia due to medical condition	Diagnosis	ICD-10-CM
G47.09	Other insomnia	Diagnosis	ICD-10-CM
G47.1	Hypersomnia	Diagnosis	ICD-10-CM
G47.10	Hypersomnia, unspecified	Diagnosis	ICD-10-CM
G47.11	Idiopathic hypersomnia with long sleep time	Diagnosis	ICD-10-CM
G47.12	Idiopathic hypersomnia without long sleep time	Diagnosis	ICD-10-CM
G47.13	Recurrent hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia due to medical condition	Diagnosis	ICD-10-CM
G47.19	Other hypersomnia	Diagnosis	ICD-10-CM
G47.2	Circadian rhythm sleep disorders	Diagnosis	ICD-10-CM
G47.20	Circadian rhythm sleep disorder, unspecified type	Diagnosis	ICD-10-CM
G47.21	Circadian rhythm sleep disorder, delayed sleep phase type	Diagnosis	ICD-10-CM
G47.22	Circadian rhythm sleep disorder, advanced sleep phase type	Diagnosis	ICD-10-CM
G47.23	Circadian rhythm sleep disorder, irregular sleep wake type	Diagnosis	ICD-10-CM
G47.24	Circadian rhythm sleep disorder, free running type	Diagnosis	ICD-10-CM
G47.25	Circadian rhythm sleep disorder, jet lag type	Diagnosis	ICD-10-CM
G47.26	Circadian rhythm sleep disorder, shift work type	Diagnosis	ICD-10-CM
G47.27	Circadian rhythm sleep disorder in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.29	Other circadian rhythm sleep disorder	Diagnosis	ICD-10-CM
G47.3	Sleep apnea	Diagnosis	ICD-10-CM
G47.30	Sleep apnea, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
G47.31	Primary central sleep apnea	Diagnosis	ICD-10-CM
G47.32	High altitude periodic breathing	Diagnosis	ICD-10-CM
G47.33	Obstructive sleep apnea (adult) (pediatric)	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.35	Congenital central alveolar hypoventilation syndrome	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central sleep apnea in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM
G47.4	Narcolepsy and cataplexy	Diagnosis	ICD-10-CM
G47.41	Narcolepsy	Diagnosis	ICD-10-CM
G47.411	Narcolepsy with cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy without cataplexy	Diagnosis	ICD-10-CM
G47.42	Narcolepsy in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.421	Narcolepsy in conditions classified elsewhere with cataplexy	Diagnosis	ICD-10-CM
G47.429	Narcolepsy in conditions classified elsewhere without cataplexy	Diagnosis	ICD-10-CM
G47.5	Parasomnia	Diagnosis	ICD-10-CM
G47.50	Parasomnia, unspecified	Diagnosis	ICD-10-CM
G47.51	Confusional arousals	Diagnosis	ICD-10-CM
G47.52	REM sleep behavior disorder	Diagnosis	ICD-10-CM
G47.53	Recurrent isolated sleep paralysis	Diagnosis	ICD-10-CM
G47.54	Parasomnia in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.6	Sleep related movement disorders	Diagnosis	ICD-10-CM
G47.61	Periodic limb movement disorder	Diagnosis	ICD-10-CM
G47.62	Sleep related leg cramps	Diagnosis	ICD-10-CM
G47.63	Sleep related bruxism	Diagnosis	ICD-10-CM
G47.69	Other sleep related movement disorders	Diagnosis	ICD-10-CM
G47.8	Other sleep disorders	Diagnosis	ICD-10-CM
G47.9	Sleep disorder, unspecified	Diagnosis	ICD-10-CM
Smoking			
F17.2	Nicotine dependence	Diagnosis	ICD-10-CM
F17.20	Nicotine dependence, unspecified	Diagnosis	ICD-10-CM
F17.200	Nicotine dependence, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F17.201	Nicotine dependence, unspecified, in remission	Diagnosis	ICD-10-CM
F17.203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.21	Nicotine dependence, cigarettes	Diagnosis	ICD-10-CM
F17.210	Nicotine dependence, cigarettes, uncomplicated	Diagnosis	ICD-10-CM
F17.211	Nicotine dependence, cigarettes, in remission	Diagnosis	ICD-10-CM
F17.213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.22	Nicotine dependence, chewing tobacco	Diagnosis	ICD-10-CM
F17.220	Nicotine dependence, chewing tobacco, uncomplicated	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F17.221	Nicotine dependence, chewing tobacco, in remission	Diagnosis	ICD-10-CM
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17.291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
T65.2	Toxic effect of tobacco and nicotine	Diagnosis	ICD-10-CM
T65.21	Toxic effect of chewing tobacco	Diagnosis	ICD-10-CM
T65.211	Toxic effect of chewing tobacco, accidental (unintentional)	Diagnosis	ICD-10-CM
T65.211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.211D	Toxic effect of chewing tobacco, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T65.211S	Toxic effect of chewing tobacco, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T65.212	Toxic effect of chewing tobacco, intentional self-harm	Diagnosis	ICD-10-CM
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.213	Toxic effect of chewing tobacco, assault	Diagnosis	ICD-10-CM
T65.213A	Toxic effect of chewing tobacco, assault, initial encounter	Diagnosis	ICD-10-CM
T65.213D	Toxic effect of chewing tobacco, assault, subsequent encounter	Diagnosis	ICD-10-CM
T65.213S	Toxic effect of chewing tobacco, assault, sequela	Diagnosis	ICD-10-CM
T65.214	Toxic effect of chewing tobacco, undetermined	Diagnosis	ICD-10-CM
T65.214A	Toxic effect of chewing tobacco, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.214D	Toxic effect of chewing tobacco, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T65.214S	Toxic effect of chewing tobacco, undetermined, sequela	Diagnosis	ICD-10-CM
T65.22	Toxic effect of tobacco cigarettes	Diagnosis	ICD-10-CM
T65.221	Toxic effect of tobacco cigarettes, accidental (unintentional)	Diagnosis	ICD-10-CM
T65.221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.221D	Toxic effect of tobacco cigarettes, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T65.221S	Toxic effect of tobacco cigarettes, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T65.222	Toxic effect of tobacco cigarettes, intentional self-harm	Diagnosis	ICD-10-CM
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.223	Toxic effect of tobacco cigarettes, assault	Diagnosis	ICD-10-CM
T65.223A	Toxic effect of tobacco cigarettes, assault, initial encounter	Diagnosis	ICD-10-CM
T65.223D	Toxic effect of tobacco cigarettes, assault, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T65.223S	Toxic effect of tobacco cigarettes, assault, sequela	Diagnosis	ICD-10-CM
T65.224	Toxic effect of tobacco cigarettes, undetermined	Diagnosis	ICD-10-CM
T65.224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.224D	Toxic effect of tobacco cigarettes, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T65.224S	Toxic effect of tobacco cigarettes, undetermined, sequela	Diagnosis	ICD-10-CM
T65.29	Toxic effect of other tobacco and nicotine	Diagnosis	ICD-10-CM
T65.291	Toxic effect of other tobacco and nicotine, accidental (unintentional)	Diagnosis	ICD-10-CM
T65.291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.291D	Toxic effect of other tobacco and nicotine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T65.291S	Toxic effect of other tobacco and nicotine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T65.292	Toxic effect of other tobacco and nicotine, intentional self-harm	Diagnosis	ICD-10-CM
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65.292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65.292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65.293	Toxic effect of other tobacco and nicotine, assault	Diagnosis	ICD-10-CM
T65.293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	Diagnosis	ICD-10-CM
T65.293D	Toxic effect of other tobacco and nicotine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T65.293S	Toxic effect of other tobacco and nicotine, assault, sequela	Diagnosis	ICD-10-CM
T65.294	Toxic effect of other tobacco and nicotine, undetermined	Diagnosis	ICD-10-CM
T65.294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65.294D	Toxic effect of other tobacco and nicotine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T65.294S	Toxic effect of other tobacco and nicotine, undetermined, sequela	Diagnosis	ICD-10-CM
Z87.891	Personal history of nicotine dependence	Diagnosis	ICD-10-CM
Specific Personality Disorder			
F60	Specific personality disorders	Diagnosis	ICD-10-CM
F60.0	Paranoid personality disorder	Diagnosis	ICD-10-CM
F60.1	Schizoid personality disorder	Diagnosis	ICD-10-CM
F60.2	Antisocial personality disorder	Diagnosis	ICD-10-CM
F60.3	Borderline personality disorder	Diagnosis	ICD-10-CM
F60.4	Histrionic personality disorder	Diagnosis	ICD-10-CM
F60.5	Obsessive-compulsive personality disorder	Diagnosis	ICD-10-CM
F60.6	Avoidant personality disorder	Diagnosis	ICD-10-CM
F60.7	Dependent personality disorder	Diagnosis	ICD-10-CM
F60.8	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.81	Narcissistic personality disorder	Diagnosis	ICD-10-CM
F60.89	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.9	Personality disorder, unspecified	Diagnosis	ICD-10-CM
Weight Loss			
E44.0	Moderate protein-calorie malnutrition	Diagnosis	ICD-10-CM
E44.1	Mild protein-calorie malnutrition	Diagnosis	ICD-10-CM
E64.0	Sequelae of protein-calorie malnutrition	Diagnosis	ICD-10-CM

Appendix D. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Covariates in this Request

Code	Description	Code Category	Code Type
R63.4	Abnormal weight loss	Diagnosis	ICD-10-CM
R64	Cachexia	Diagnosis	ICD-10-CM

Appendix E. Specifications Defining Parameters for this Request

A request was executed using the Cohort Identification and Descriptive Analysis (CIDA) tool version 13.1.2 to estimate geographic rates of single-dose doxycycline and patient factors in the Sentinel Distributed Database (SDD).

Query period: January 1, 2016 - December 31, 2020
Coverage requirement: Medical & Drug Coverage
Pre-index enrollment requirement: 30 days
Post-index requirement: 30 days
Enrollment gap: 45 days
Age groups: Run 1: 0-4, 5-9, 10-14, 15-19
Run 2: 0-7, 8-19
Stratifications: Age group, Sex, Age Group x Year, Calendar Year, Year-Month, Race/Ethnicity, Urbanicity, Incidence, and Geographic Region (State)
Censor output categorization: N/A
Restrictions: Sex to Male and Female
Distribution of index-defining codes: N/A
Envelope macro: Reclassify encounters during inpatient stay as inpatient
Freeze data: None

Exposure/Event										
Scenario	Group	Index Exposure/Event	Cohort Definition	Washout Period	Exclude Evidence of Days Supply if Exposure Washout Includes Dispensings	Care Setting	Principal Diagnosis Position	Forced Supply to Attach to Dispensings	Create Baseline Table?	Censor Enrollment at Evidence Of
1	first_doxy	Doxycycline	01 - First valid index date during query period		Handled via plus programming	Any Care Setting	N/A	N/A	Yes	*Death; *Data Partner End Date; *Query End Date
2	all_doxy	Doxycycline	02 - All valid index dates during query period		Handled via plus programming	Any Care Setting	N/A	N/A	Yes	*Death; *Data Partner End Date; *Query End Date
3	obderm_doxy	Doxycycline	02 - All valid index dates during query period		Handled via plus programming	Any Care Setting	N/A	N/A	Yes	*Death; *Data Partner End Date; *Query End Date

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.

NDC codes are checked against First Data Bank's FDB MedKnowledge®.

Rates and ratios will be calculated and output as tables. Ratios are calculated as (number of patients/ eligible members)*10,000 and rates are calculated as (number of episodes/ (number of eligible members/365.25))*10,000.

N/A: Not Applicable

Appendix E. Specifications Defining Parameters for this Request

Inclusion/Exclusion Criteria															
Scenario	Inclusion/ Exclusion	Criteria	Care Setting	Principal Diagnosis Position	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Inclusion/ Exclusion Evaluation Period Includes Dispensings	Number of Instances the Criteria Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Maximum Average Daily Dose	Minimum Current Daily Dose	Maximum Current Daily Dose	Forced Supply to Attach to Dispensings
1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Obstetric and Dermatologic Conditions	Exclusion	Any Care Setting	N/A	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.

NDC codes are checked against First Data Bank's FDB MedKnowledge®.

Rates and ratios will be calculated and output as tables. Ratios are calculated as (number of patients/eligible members)*10,000 and rates are calculated as (number of episodes/(number of eligible membes/365.25))*10,000.

N/A: Not Applicable

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
N/A	Age				0	0								
N/A	Sex				0	0								
N/A	Race/Ethnicity				0	0								
N/A	Year				0	0								
N/A	Urbanicity				0	0								

N/A	Pediatric Comorbidity Index				-183	0								
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Dispensing Form

1	Capsule	Any Care Setting	N/A	RX	0	0	Evaluation period should search for only evidence of a dispensing date	1	N/A	N/A	N/A	N/A	N/A	N/A
2	Suspension	Any Care Setting	N/A	RX	0	0	Evaluation period should search for only evidence of a dispensing date	1	N/A	N/A	N/A	N/A	N/A	N/A
3	Tablet	Any Care Setting	N/A	RX	0	0	Evaluation period should search for only evidence of a dispensing date	1	N/A	N/A	N/A	N/A	N/A	N/A
4	Syrup	Any Care Setting	N/A	RX	0	0	Evaluation period should search for only evidence of a dispensing date	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if	Number of Instances the	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced	Lab Date Selection Algorithm	Lab Results
							Covariate Includes Dispensings	Covariate Should be Found in Evaluation Period				Supply to Attach to Dispensings		
							Indications							
5	Arthropod Encounter	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
6	Macroscopic Examination for Arthropod	Any Care Setting	N/A	PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
7	Any Tickborne Disease (Lyme or Other)	Any Care Setting	N/A	DX, PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
8	Lyme Disease	Any Care Setting	N/A	DX, PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
9-19	Lyme Disease by Code	Any Care Setting	N/A	DX, PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
20	Other Tickborne Disease	Any Care Setting	N/A	DX, PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
21-33	Other Tickborne Disease by Code	Any Care Setting	N/A	DX, PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
Obstetric and Dermatologic Conditions														
34	Any Obstetric Condition	Any Care Setting	N/A	DX, PX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
35	Any Dermatologic Condition	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
Baseline Conditions														

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
36	Attention Deficit Hyperactivity Disorder	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
37	Alcohol Abuse or Dependence	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
38	Anemia	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
39	Anxiety or Panic Disorder	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
40	Any Malignancy	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
41	Asthma	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
42	Cardiovascular Conditions	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
43	Chromosomal Anomalies	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
44	Conduct Disorder	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
45	Congenital Malformations	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
46	Depression	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
47	Developmental Delays	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
48	Diabetes Mellitus	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
49	Drug Abuse or Dependence	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
50	Eating Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
51	Epilepsy or Convulsions	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
52	GI Conditions	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
53	Injuries	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
54	Joint Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
55	Menstrual Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
56	Migraine or Headache	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
57	Nausea and Vomiting	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
58	Obesity or Overweight	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
59	Obsessive-Compulsive Disorder	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
60	Pain Conditions	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
61	Pervasive Developmental Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
62	Psychotic Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
63	Rheumatologic Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
64	Sleep Disorders	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
65	Smoking	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
66	Specific Personality Disorder	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
67	Weight Loss	Any Care Setting	N/A	DX	-7	7	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
Encounters														
131	Inpatient Encounter				-7	7								
132	Emergency Department Encounter				-7	7								
133	Ambulatory Encounter				-7	7								
134	Other Ambulatory Encounter				-7	7								
135	Institutional Stay Encounter				-7	7								
136	No Encounter				-7	7								
Indications														
68	Arthropod encounter	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
69	Macroscopic examination for arthropod	Any Care Setting	N/A	PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if	Number of Instances the	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
							Covariate Includes Dispensings	Covariate Should be Found in Evaluation Period						
70	Any tickborne disease (Lyme or other)	Any Care Setting	N/A	DX, PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
71	Lyme disease	Any Care Setting	N/A	DX, PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
72-82	Lyme disease by code	Any Care Setting	N/A	DX, PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
83	Other tickborne diseases	Any Care Setting	N/A	DX, PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
84-96	Other tickborne diseases by code	Any Care Setting	N/A	DX, PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
Obstetric and Dermatologic Conditions														
97	Any obstetric condition	Any Care Setting	N/A	DX, PX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
98	Any dermatologic condition	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
Baseline Conditions														
99	ADHD	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
100	Alcohol abuse or dependence	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
101	Anemia	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
102	Anxiety or Panic Disorder	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
103	Any Malignancy	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
104	Asthma	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
105	Cardiovascular Conditions	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
106	Chromosomal Anomalies	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
107	Conduct Disorder	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
108	Congenital Malformations	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
109	Depression	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
110	Developmental Delays	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
111	Diabetes Mellitus	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
112	Drug Abuse or Dependence	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
113	Eating Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
114	Epilepsy or Convulsions	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
115	GI Conditions	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
116	Injuries	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
117	Joint Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
118	Menstrual Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
119	Migraine or Headache	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
120	Nausea and Vomiting	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
121	Obesity or Overweight	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
122	Obsessive-Compulsive Disorder	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
123	Pain Conditions	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
124	Pervasive Developmental Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
125	Psychotic Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
126	Rheumatologic Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
127	Sleep Disorders	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
128	Smoking	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
129	Specific Personality Disorder	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A
130	Weight Loss	Any Care Setting	N/A	DX	-30	30	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F. Specifications Defining Baseline Characteristics in this Request

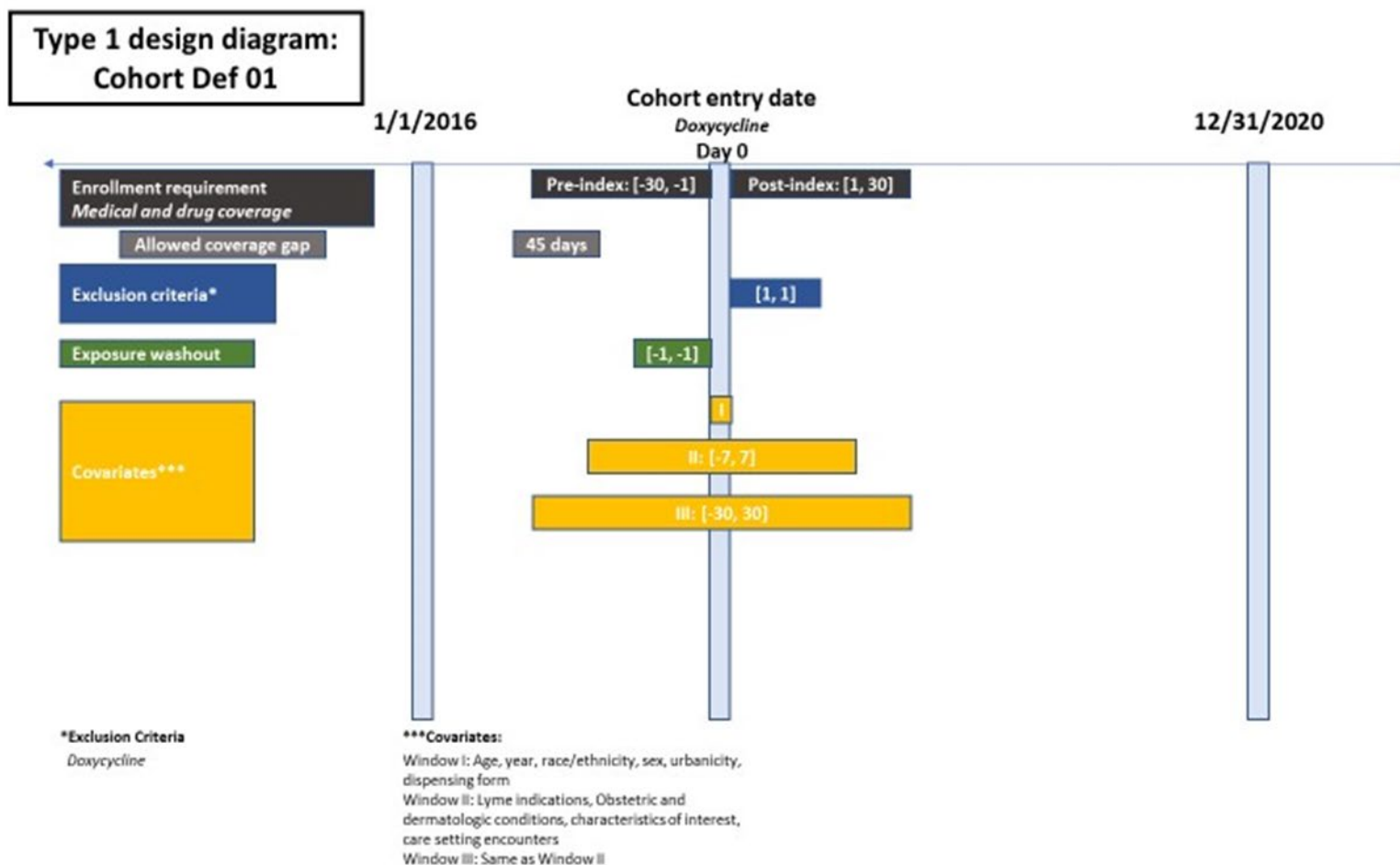
Covariates														
Covariate Number	Covariate	Care Setting	Principal Diagnosis Position	Code Category ¹	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings Encounters	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	Minimum Cumulative Dose	Minimum Average Daily Dose	Forced Supply to Attach to Dispensings	Lab Date Selection Algorithm	Lab Result Values
137	Inpatient Encounter				-30	30								
138	Emergency Department Encounter				-30	30								
139	Ambulatory Encounter				-30	30								
140	Other Ambulatory Encounter				-30	30								
141	Institutional Stay Encounter				-30	30								
142	No Encounter				-30	30								
¹ Code Category Legend: RX=Drug Code, DX=Diagnosis Code, PX=Procedure Code N/A: Not Applicable														

Appendix G. Specifications Defining Risk Score Parameters for this Request

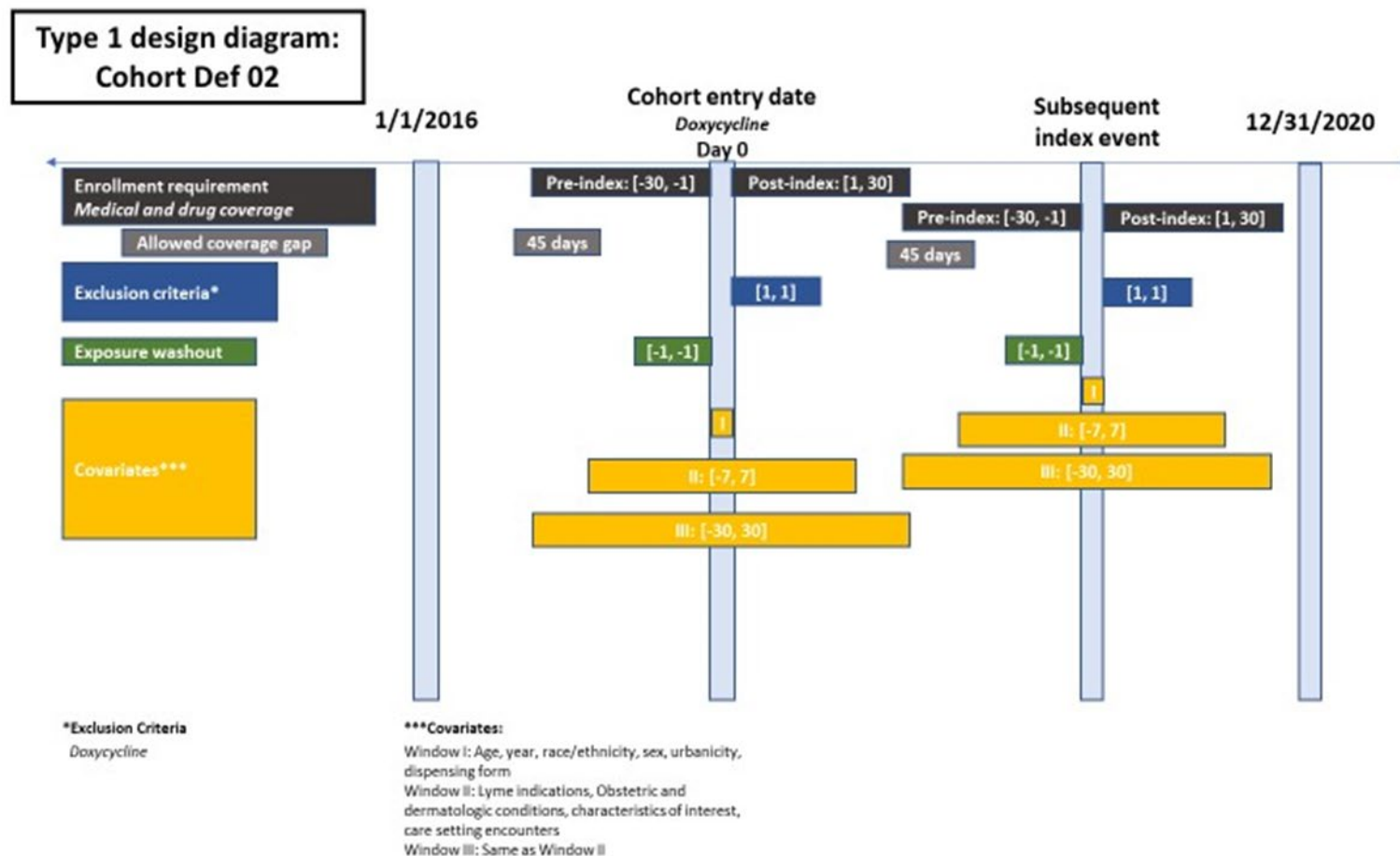
Risk Score			
Risk Score	Evaluation Period Start	Evaluation Period End	Risk Score Categories
Pediatric Comorbidity Index	-183	0	N/A

Reference for pediatric comorbidity index: Sun JW, Bourgeois FT, Haneuse S, Hernández-Díaz S, Landon JE, Bateman BT, Huybrechts KF. Development and Validation of a Pediatric Comorbidity Index. *Am J Epidemiol.* 2021 May 4;190(5):918-927. <https://pubmed.ncbi.nlm.nih.gov/33124649/>

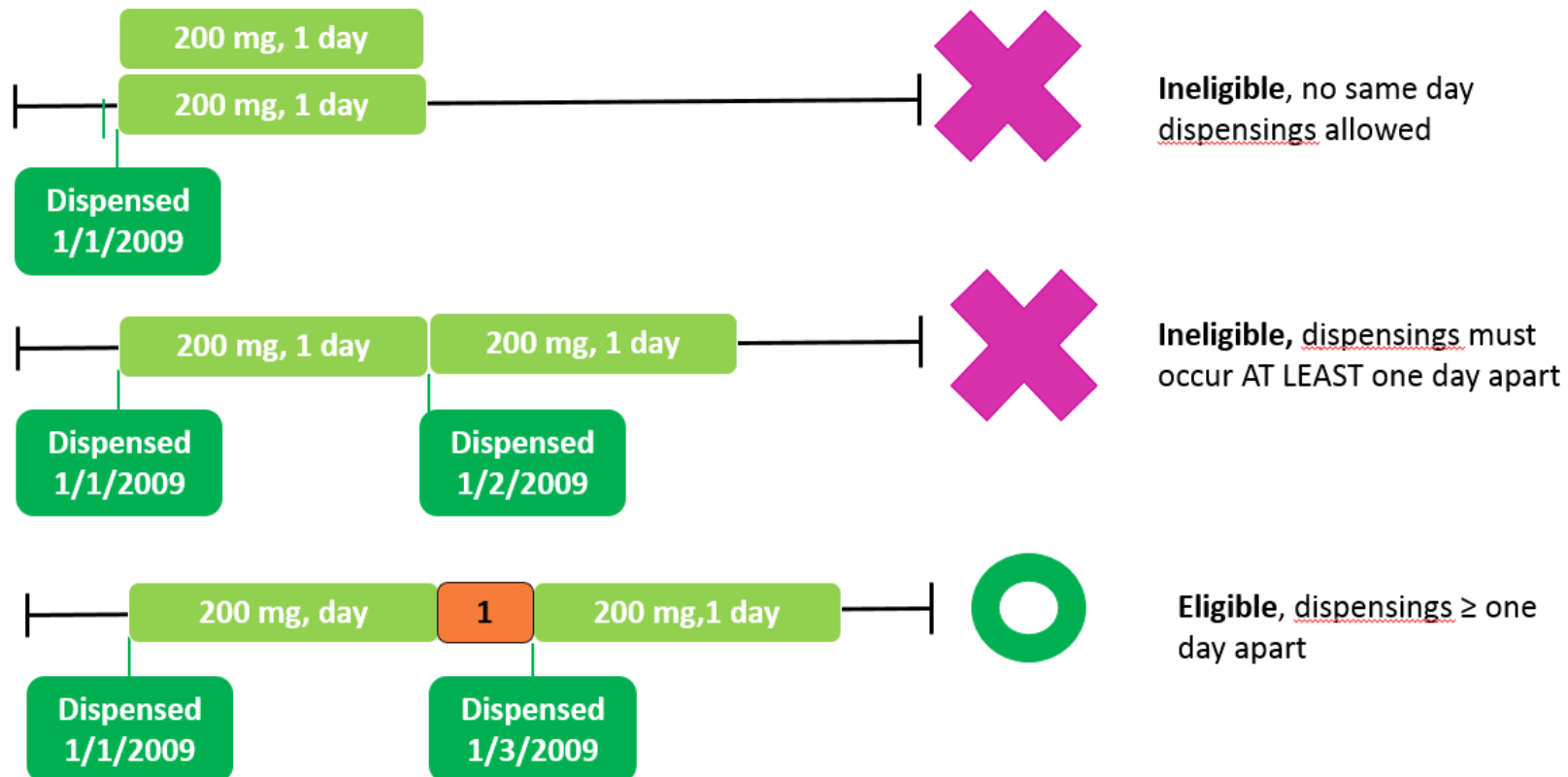
Appendix H. Design Diagram of Cohort Entry Requirements and Index Exposure



Appendix H. Design Diagram of Cohort Entry Requirements and Index Exposure



Cohort entry date: Doxycycline, (≤ 200 mg, 1 day supply), illustration of isolated dispensings



Cohort entry date: Doxycycline, (≤ 200 mg, 1 day supply), illustration of isolated dispensings

