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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.

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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_mpl2p_wp011

Request ID: cder_mpl2p_wp011

Query Description: The goal of this query was to investigate the association between leuprolide acetate and fractures, with unexposed children with and without central precocious puberty (CPP) diagnoses as comparators. This is report 1 of 4. This report contains results of the main analysis for female patients. Please see report 2 for the main analysis for male patients and reports 3 and 4 for the sensitivity analyses for female and male patients.

Sentinel Modular Program Tool Used: Cohort Identification and Descriptive Analysis (CIDA) Tool, version 7.0.2, with custom programming

Data Source: Data from January 1, 2000 to August 31, 2018 from 16 Data Partners contributing to the Sentinel Distributed Database (SDD) were included in this report. This request was distributed to Data Partners on April 22, 2019. See Appendix A for a list of dates of available data for each Data Partner.

Study Design: This request was a retrospective cohort study with exposed patients matched to never-exposed patients (defined via exclusions).

Exposure and Comparators: The exposure of interest was leuprolide acetate and there were two comparators of interest: patients with a CPP diagnosis who were not exposed to leuprolide acetate and patients without a CPP diagnosis who were not exposed to leuprolide acetate. Leuprolide acetate was defined using National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) codes. See Appendix B for a list of generic and brand names of medical products and Appendix C for a list of HCPCS codes. CPP comparators were identified using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes for CPP in any care setting. CPP comparators were assigned a new index date of 117 days after their first valid CPP diagnosis. 117 days is the median time from CPP diagnosis to leuprolide acetate initiation among female children¹. Non-CPP comparators were observed using ICD-9-CM, ICD-10-CM, and Current Procedural Terminology, Fourth Edition (CPT-4) codes for a well-child visit in any care setting. See Appendix C for a list of codes used to identify comparators.

Cohort Eligibility Criteria: Female patients included in all cohorts were required to be continuously enrolled in plans with medical and drug coverage for at least 183 days prior to the date of their first valid dispensing or diagnosis, during which gaps in coverage of up to 45 days were allowed. The following age groups were included in the cohorts: 0-2, 3-4, 5-6, 7-8, and 9-10 years. Inclusion and exclusion criteria varied by cohort.

Leuprolide acetate cohort: Patients were required to have evidence of CPP in the 183 days before or on the date of their first valid dispensing and no evidence of other long-acting gonadotropin-releasing hormone (GnRH) agonists, osteogenesis imperfecta, drugs that affect bone density, gender dysphoria, or fractures during that time. To assess incident use, patients were excluded if they had evidence of leuprolide acetate in the prior 183 days.

CPP cohort: Patients were excluded from the CPP comparator cohort if they had evidence of osteogenesis imperfecta, long-acting GnRH agonists, drugs that affect bone density, gender dysphoria, or fractures in the 183 days prior to or on their index date. Additionally, patients were excluded if they had evidence of leuprolide acetate anytime in their available history before, on, or after their index date. To restrict to patients with incident CPP, patients were excluded if they had a diagnosis of CPP in the 183 days before their first valid CPP diagnosis.

Non-CPP cohort: Patients were excluded from the non-CPP comparator cohort if they had evidence of CPP, osteogenesis imperfecta, long-acting GnRH agonists, drugs that affect bone density, gender dysphoria, or fractures in the 183 days prior to or on the date of their first valid well-child visit. Additionally, patients were excluded if they had evidence of leuprolide acetate anytime in their available history before, on, or after the date of their well-child visit.

Inclusion criteria were defined using ICD-9-CM and ICD-10-CM diagnosis codes; see Appendix D for specific diagnosis codes. Exclusion criteria were defined using ICD-9-CM and ICD-10 diagnosis codes, Current Procedural Terminology, Fourth Edition Category II (CPT-2) and HCPCS procedure codes. See Appendix D for diagnosis and procedure codes, and Appendix E for generic and brand names of medical products.

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Exposure Utilization: Summary statistics for utilization of leuprolide acetate were calculated for the patients who were matched with comparators. Exposure duration was calculated as the time from the first dispensing/procedure to the last dispensing/procedure plus a 30-day extension. Cumulative utilization was calculated by summing the total number of leuprolide acetate outpatient pharmacy dispensing or procedure claims during the exposure duration. Multiple claims occurring on the same day were only counted once.

Follow-Up Time: Follow-up time varied by cohort.

Leuprolide acetate cohort: Follow-up began at the first valid leuprolide acetate dispensing and continued until the first of the following: 1) death, 2) end of enrollment, 3) end of Data Partners' data, or 4) an event.

CPP cohort: Follow-up began 117 days after the first valid CPP diagnosis and continued until the first of the following: 1) death, 2) end of enrollment, 3) end of Data Partners' data, or 4) an event.

Non-CPP cohort: Follow-up began at the first valid well-child visit and continued until the first of the following: 1) death, 2) end of enrollment, 3) end of Data Partners' data, 4) an event, or 5) CPP diagnosis.

Only the first valid episode per patient was included. Episodes in the comparisons with major fracture as an outcome were also censored at major trauma. Major trauma was defined as a computed tomography (CT) scan of the head in the inpatient or emergency department setting and two of the following injuries on the same day in those care settings: crushing injury, open fracture of proximal/shaft femur, vertebral fracture, high-trauma E-codes, intracranial injury, internal injury, and injury to nerves and spinal cord. Major trauma was identified using ICD-9-CM and ICD-10-CM diagnosis codes and CPT-2 codes; see Appendix F for a list of codes. Summary statistics of follow-up time were calculated. Unconditional follow-up time for all matched patients was stratified by reason for censoring and categorized into the following intervals: 0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, and 12+ years. Patients could have multiple reasons for censoring on the same day. Unconditional follow-up time was also calculated for matched patients and weighted by the number of controls in the risk set.

Sensitivity Analysis: In addition to the episode censoring reasons defined above, episodes in the sensitivity analysis were also censored at initiation of a GnRH agonist. Episodes for exposed patients were censored on the date of a dispensing of a long-acting GnRH agonist other than leuprolide acetate. Episodes for comparator patients were censored on the date of a dispensing of any long-acting GnRH agonist. Long-acting GnRH agonists were defined using HCPCS codes; see Appendix F for a list of HCPCS codes and Appendix G for generic and brand names of medical products. This report includes results of the main analysis. See report 3 for the sensitivity analysis for female patients.

Events of Interest: The events of interest were major fractures, any fracture, hip replacement, and temporomandibular joint replacement. The events could occur in any care setting. Major fractures were defined as a diagnosis and procedure related to the same fracture site within seven days. Fracture sites included humerus, femur, hip, radius/ulna, and vertebrae. The date of the event was the earliest date of the diagnosis or procedure. Fractures of humerus, femur, hip, and vertebrae weren't counted as events if there was evidence of major trauma on the date of the diagnosis. Events were identified using ICD-9-CM and ICD-10-CM diagnosis codes, CPT-4 codes, and International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) codes. See Appendix H for a list of codes used to define events.

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Patient Characteristics: Age and race were evaluated on the date of the first valid diagnosis or dispensing. The following characteristics were assessed in the 183 days prior to or on the date of cohort entry: long-acting goserelin, long-acting histrelin, long-acting leuprolide (excluding Lupron Depot-Ped), long-acting triptorelin, short-acting gonadorelin, short-acting histrelin, short-acting leuprolide acetate, and short-acting nafarelin. Patient characteristics were also evaluated in the following windows after cohort entry: 1) the 183 days after; 2) the 730 days after; and 3) until the end of follow-up. Patients were not required to be enrolled for the evaluation windows following cohort entry. The characteristics included use of anticoagulants, bisphosphonates, anti-epileptic drugs, corticosteroids, chemotherapy, cyclosporine, medroxyprogesterone, loop diuretics, proton pump inhibitors, thiazide diuretics, statins, nitrates, beta blockers, antidepressants, long-acting goserelin, long-acting histrelin, long-acting leuprolide (excluding Lupron Depot-Ped), long-acting triptorelin, short-acting gonadorelin, short-acting histrelin, short-acting leuprolide acetate, short-acting nafarelin, and short-acting GnRH agonists. The top 50 diagnoses and top 20 prescription medications during each evaluation window were also evaluated. Top diagnoses and prescription medications were defined as the diagnoses and prescription medications recorded for the largest number of exposed patients. All characteristics were assessed overall, stratified by event status, and weighted by the number of controls in the risk set. Patient characteristics were defined using CPT-2 codes and HCPCS codes; see Appendix I for a list of procedure codes and Appendix J for generic and brand names of medical products.

Effect Estimates: Patients in the exposed and comparator cohorts were matched on calendar month of their first valid dispensing or diagnosis and date of birth within 183 days. The matching ratio was 1:n (up to 10). For each comparison, a case-centered logistic regression model was used to estimate hazard ratios and corresponding 95% confidence intervals.

Please see Appendices K and L for the specifications of parameters used in the analyses for this request.

Limitations: 1) As with all observational studies, this evaluation was limited in its ability to control for all sources of potential bias. 2) Exposures, outcomes, inclusions, exclusions, episode censoring criteria, and patient characteristics may be misclassified due to imperfect algorithms used to identify them. Therefore, data should be interpreted with this limitation in mind

Please contact the Sentinel Operations Center (info@sentinelssystem.org) for questions and to provide comments/suggestions for future enhancements to this document.

¹<https://www.sentinelinitiative.org/drugs/assessments/lupron-depot-ped-use-among-patients-central-precocious-puberty>

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

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.

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.

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"

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

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

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

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

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.

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

**Glossary of Terms for Analyses Using
Multiple Factor Matching (MFM) Tool***

Individual Level Data Return - program may return individual-level, de-identified datasets to the Sentinel Operations Center (SOC). While the datasets contain a single row per patient for each specified analysis, patient identifiers such as a patient ID are not included in the output. Individual-level datasets are returned to the SOC, aggregated, and used to calculate effect estimates via Cox

Matched Conditional and Unconditional Analysis - in a conditional matched analysis, a Cox proportional hazards model, stratified by Data Partner site and matched set, is run on the matched population. This can be done for both the 1:1 and 1:n matched cohorts. In an unconditional analysis, a Cox proportional hazards model, stratified by Data Partner site only, is run on the matched population. This can be done for the 1:1 matched cohort only.

Matching Ratio - patients in exposed and comparator groups are matched by a 1:1 or 1:n (up to 10) matching ratio.

Matching Variables - requester defined categorical variables to match groups on.

1. Age group
2. Sex
3. Year of index date

MFM Tool - uses output from the CIDA tool to find an exact match between an exposure and comparator cohort based on predefined options. The MFM tool performs effect estimation by comparing exposure exact matched parallel new user cohorts or comparing a new user cohort to a never-exposed cohort. It calculates hazard ratios, incidence rate differences and 95% confidence intervals.

Risk-set Level Data Return - alternative to the patient-level data return approach. In this approach, the MFM tool will produce de-identified, risk-set level datasets instead of or in addition to individual-level output. Whereas each observation in the patient-level datasets represents one patient in the cohort, each observation in the risk set dataset represents one event. Risk sets are created at the Data Partner site, returned to the SOC, aggregated, and used to calculate effect estimates via case-centered logistic regression.

Subgroup Analysis - may be conducted using any requester-defined covariates. Subgroup analyses may be performed in the unmatched and the matched population.

*all terms may not be used in this report

Table 1. Summary of Cohort Attrition for Female Leuprolide Acetate Exposed Patients and Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018¹

Attrition Step	Remaining (Number)	Percent Remaining
Eligible Leuprolide Acetate Exposed Children		
All enrollees during query period	256,590,435	100.00%
Age <11 at any time during query period	55,212,202	21.52%
Any leuprolide acetate exposure before age 11	6,666	.00%
A leuprolide acetate exposure preceded by a 183-day washout period	4,375	.00%
No evidence of osteogenesis imperfecta, long-acting Gonadotropin-Releasing Hormone (GnRH) agonists, fractures, gender dysphoria, or drugs that affect bone density during the 183-day baseline period	3,150	.00%
Diagnosis of CPP during the 183-day baseline period	3,016	.00%
Eligible Non-CPP Controls		
All enrollees during query period	256,590,435	100.00%
Age <11 at any time during query period	55,212,202	21.52%
Any well visit before age 11	9,477,878	3.69%
A well visit preceded by a 183-day washout period	7,295,801	2.84%
No evidence of leuprolide acetate exposure, CPP, osteogenesis imperfecta, long-acting GnRH agonists, fractures, gender dysphoria, or drugs that affect bone density during the 183-day baseline period	6,925,684	2.70%
Eligible CPP controls		
All enrollees during query period	256,590,435	100.00%
Age <11 at any time during query period	55,212,202	21.52%
Any CPP diagnosis before age 11	119,539	.05%
A CPP diagnosis preceded by a 183-day washout period	85,746	.03%
No evidence of leuprolide acetate exposure, osteogenesis imperfecta, long-acting GnRH agonists, fractures, gender dysphoria, or drugs that affect bone density during the 183-day baseline period	69,629	.03%

¹These tables only include select attrition steps

Table 2. Summary of Leuprolide Acetate Exposure Duration and Dispensings among Female Leuprolide Acetate-Exposed Patients Matched with Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018

	Number of Patients	Mean	Minimum	Maximum	5%	10%	25%	Median	75%	90%	95%	99%
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Osteoporotic Fracture												
Cumulative Leuprolide Acetate Exposure Duration (days)	3,016	337	1	3,749	31	31	31	192.5	535	880	1,120	1,600
Cumulative Leuprolide Acetate Utilization ¹	3,016	8	1	123	1	1	1	3	10	21	31	51
Leuprolide Acetate Exposed Children Matched with CPP Controls, Osteoporotic Fracture												
Cumulative Leuprolide Acetate Exposure Duration (days)	3,007	337	1	3,749	31	31	31	193	535	878	1,118	1,600
Cumulative Leuprolide Acetate Utilization ¹	3,007	8	1	123	1	1	1	3	10	21	31	51
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Any Fracture												
Cumulative Leuprolide Acetate Exposure Duration (days)	3,016	337	1	3,749	31	31	31	192.5	535	880	1,120	1,600
Cumulative Leuprolide Acetate Utilization ¹	3,016	8	1	123	1	1	1	3	10	21	31	51
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Hip Replacement												
Cumulative Leuprolide Acetate Exposure Duration (days)	3,016	337	1	3,749	31	31	31	192.5	535	880	1,120	1,600
Cumulative Leuprolide Acetate Utilization ¹	3,016	8	1	123	1	1	1	3	10	21	31	51
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Temporomandibular Joint Replacement												
Cumulative Leuprolide Acetate Exposure Duration (days)	3,016	337	1	3,749	31	31	31	192.5	535	880	1,120	1,600
Cumulative Leuprolide Acetate Utilization ¹	3,016	8	1	123	1	1	1	3	10	21	31	51

¹This is a measure of separate-day dispensings or procedures

Table 3. Summary of Follow-Up Time (Days) for Female Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018

	Number of Patients	Mean	Minimum	Maximum	5%	10%	25%	Median	75%	90%	95%	99%
Osteoporotic Fracture												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	1,050	1	6,288	52	103	297	717	1,453	2,537	3,270	4,643
Matched Non-CPP Controls	30,160	1,081	1	6,561	41	85	250	631	1,428	2,806	3,758	5,762
Leuprolide Acetate Exposed Children Matched with CPP Controls	3,007	1,050	1	6,288	52	104	298	717	1,453	2,537	3,270	4,643
Matched CPP Controls	28,143	1,062	1	6,423	48	98	286	724	1,480	2,540	3,230	4,972
Any Fracture												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	994	1	6,288	51	99	280	681.5	1,374	2,370	3,097	4,456
Matched Non-CPP Controls	30,160	1,017	1	6,561	40	82	239	599	1,322	2,584	3,544	5,645
Hip Replacement												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	1,074	1	6,288	53	108	308	736.5	1,497	2,586	3,335	4,643
Matched Non-CPP Controls	30,160	1,118	1	6,561	42	88	260	654	1,490	2,917	3,867	5,810
Temporomandibular Joint Replacement												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	1,074	1	6,288	53	108	308	736.5	1,497	2,586	3,335	4,643
Matched Non-CPP Controls	30,160	1,118	1	6,561	42	88	260	654	1,490	2,917	3,866	5,808

Table 4a. Summary of Events and Censoring for Female Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, Primary Outcome

Number of Patients	Duration of Follow-up (years) ¹							
	0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12	
Osteoporotic Fracture								
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls								
Event of interest	68	44 (1%)	14 (0%)	8 (0%)	1 (0%)	1 (0%)	0 (0%)	0 (0%)
Other censoring criteria	4	0 (0%)	2 (0%)	1 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)
Disenrollment	2,775	1,432 (47%)	682 (23%)	314 (10%)	159 (5%)	101 (3%)	46 (2%)	41 (1%)
Death	1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,296	510 (17%)	333 (11%)	183 (6%)	112 (4%)	79 (3%)	46 (2%)	33 (1%)
Matched Non-CPP Controls								
Event of interest	883	563 (2%)	211 (1%)	67 (0%)	25 (0%)	8 (0%)	3 (0%)	6 (0%)
Other censoring criteria	374	273 (1%)	49 (0%)	28 (0%)	6 (0%)	8 (0%)	7 (0%)	3 (0%)
Disenrollment	27,906	15,340 (51%)	5,844 (19%)	2,707 (9%)	1,530 (5%)	1,109 (4%)	572 (2%)	804 (3%)
Death	4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	1 (0%)	2 (0%)
End of data period	8,958	3,570 (12%)	1,814 (6%)	1,029 (3%)	760 (3%)	737 (2%)	400 (1%)	648 (2%)
Leuprolide Acetate Exposed Children Matched with CPP Controls								
Event of interest	68	44 (1%)	14 (0%)	8 (0%)	1 (0%)	1 (0%)	0 (0%)	0 (0%)
Other censoring criteria	4	0 (0%)	2 (0%)	1 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)
Disenrollment	2,766	1,428 (47%)	680 (23%)	313 (10%)	157 (5%)	101 (3%)	46 (2%)	41 (1%)
Death	1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,294	509 (17%)	332 (11%)	183 (6%)	112 (4%)	79 (3%)	46 (2%)	33 (1%)
Matched CPP Controls								
Event of interest	796	522 (2%)	191 (1%)	58 (0%)	18 (0%)	5 (0%)	1 (0%)	1 (0%)
Other censoring criteria	41	11 (0%)	4 (0%)	9 (0%)	8 (0%)	4 (0%)	3 (0%)	2 (0%)
Disenrollment	26,342	13,361 (47%)	6,422 (23%)	3,129 (11%)	1,691 (6%)	979 (3%)	371 (1%)	389 (1%)
Death	6	3 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)	2 (0%)	0 (0%)
End of data period	11,311	3,876 (14%)	2,986 (11%)	1,741 (6%)	1,207 (4%)	831 (3%)	324 (1%)	346 (1%)

¹Percentages are calculated based on the size of the cohort

Table 4b. Summary of Events and Censoring for Female Leuprolide Acetate Exposed Patients and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, Secondary Outcomes

	Number of Patients	Duration of Follow-up (years) ¹						
		0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12
Any Fracture								
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls								
Event of interest	228	130 (4%)	61 (2%)	25 (1%)	6 (0%)	5 (0%)	1 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	2,629	1,408 (47%)	634 (21%)	286 (9%)	142 (5%)	88 (3%)	35 (1%)	36 (1%)
Death	1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,210	498 (17%)	305 (10%)	169 (6%)	103 (3%)	70 (2%)	36 (1%)	29 (1%)
Matched Non-CPP Controls								
Event of interest	2,496	1,361 (5%)	641 (2%)	268 (1%)	123 (0%)	50 (0%)	33 (0%)	20 (0%)
Other censoring criteria	314	251 (1%)	40 (0%)	19 (0%)	3 (0%)	0 (0%)	1 (0%)	0 (0%)
Disenrollment	26,432	15,103 (50%)	5,508 (18%)	2,417 (8%)	1,339 (4%)	924 (3%)	471 (2%)	670 (2%)
Death	3	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)	2 (0%)
End of data period	8,257	3,509 (12%)	1,709 (6%)	897 (3%)	669 (2%)	610 (2%)	326 (1%)	537 (2%)
Hip Replacement								
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls								
Event of interest	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	2,841	1,446 (48%)	696 (23%)	335 (11%)	165 (5%)	108 (4%)	48 (2%)	43 (1%)
Death	1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,339	516 (17%)	343 (11%)	194 (6%)	116 (4%)	86 (3%)	48 (2%)	36 (1%)
Matched Non-CPP Controls								
Event of interest	2	1 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)
Other censoring criteria	327	259 (1%)	45 (0%)	19 (0%)	3 (0%)	0 (0%)	1 (0%)	0 (0%)
Disenrollment	28,801	15,535 (52%)	6,055 (20%)	2,878 (10%)	1,637 (5%)	1,202 (4%)	622 (2%)	872 (3%)
Death	5	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	1 (0%)	3 (0%)
End of data period	9,321	3,623 (12%)	1,870 (6%)	1,091 (4%)	814 (3%)	796 (3%)	428 (1%)	699 (2%)

Table 4b. Summary of Events and Censoring for Female Leuprolide Acetate Exposed Patients and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, Secondary Outcomes

	Number of Patients	Duration of Follow-up (years) ¹						
		0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12
Temporomandibular Joint Replacement								
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls								
Event of interest	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	2,841	1,446 (48%)	696 (23%)	335 (11%)	165 (5%)	108 (4%)	48 (2%)	43 (1%)
Death	1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,339	516 (17%)	343 (11%)	194 (6%)	116 (4%)	86 (3%)	48 (2%)	36 (1%)
Matched Non-CPP Controls								
Event of interest	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)
Other censoring criteria	327	259 (1%)	45 (0%)	19 (0%)	3 (0%)	0 (0%)	1 (0%)	0 (0%)
Disenrollment	28,802	15,535 (52%)	6,055 (20%)	2,878 (10%)	1,637 (5%)	1,204 (4%)	622 (2%)	871 (3%)
Death	5	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	1 (0%)	3 (0%)
End of data period	9,320	3,623 (12%)	1,870 (6%)	1,091 (4%)	814 (3%)	796 (3%)	428 (1%)	698 (2%)

¹Percentages are calculated based on the size of the cohort

Table 5a. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	68 (100.0%)	2,948 (100.0%)	3,016 (100.0%)	88 (100.0%)	2,928 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.5 (992.7)	704.1 (613.1)	1,057.5 (998.5)	1,081.0 (1150.5)	728.2 (692.8)	1,091.7 (1158.8)	-0.029
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.1 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.8%)	82 (2.7%)	2 (1.9%)	80 (2.7%)	0
3-4	105 (3.5%)	1 (1.5%)	104 (3.5%)	105 (3.5%)	4 (4.6%)	101 (3.4%)	0
5-6	391 (13.0%)	14 (20.6%)	377 (12.8%)	390 (12.9%)	9 (10.6%)	381 (13.0%)	0.001
7-8	1,566 (51.9%)	40 (58.8%)	1,526 (51.8%)	1,566 (51.9%)	45 (51.0%)	1,521 (51.9%)	0
9-10	872 (28.9%)	13 (19.1%)	859 (29.1%)	873 (28.9%)	28 (31.8%)	845 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.2%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	1 (1.5%)	118 (4.0%)	70 (2.3%)	1 (1.2%)	69 (2.4%)	0.102
Black or African American	170 (5.6%)	2 (2.9%)	168 (5.7%)	111 (3.7%)	2 (2.4%)	109 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	1 (1.5%)	21 (0.7%)	17 (0.6%)	1 (0.6%)	16 (0.6%)	0.026
Unknown	2,371 (78.6%)	53 (77.9%)	2,318 (78.6%)	2,417 (80.1%)	65 (73.8%)	2,352 (80.3%)	-0.049
White	327 (10.8%)	11 (16.2%)	316 (10.7%)	393 (13.0%)	19 (21.7%)	374 (12.8%)	-0.077
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5a. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	74.8%	80.7%	74.7%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	29.5%	31.6%	29.5%	74.1%	85.0%	73.7%	-1.009
Precocious Puberty	25.8%	19.3%	26.0%	0.0%	0.0%	0.0%	-
Need Prophylactic Vaccination&inoculation Flu	12.4%	14.0%	12.4%	13.1%	14.1%	13.1%	-0.021
Acute Pharyngitis	10.3%	10.5%	10.3%	9.8%	13.9%	9.7%	0.017
Encounter Rtn Child Health Exam W/O Abnorml Find	9.1%	5.3%	9.2%	19.7%	9.1%	20.0%	-0.312
Encounter For Immunization	7.2%	1.8%	7.3%	8.7%	3.1%	8.8%	-0.054
Other Unknown&unspec Cause Morbidity/Mortality	6.9%	7.0%	6.9%	5.2%	6.3%	5.2%	0.079
Acute Uris Of Unspecified Site	6.7%	7.0%	6.7%	6.6%	8.6%	6.5%	0.006
Other Disorders Of Puberty	6.5%	3.5%	6.5%	0.0%	0.0%	0.0%	-
Short Stature	6.1%	1.8%	6.2%	0.2%	0.1%	0.2%	0.349
Cough	4.3%	1.8%	4.4%	3.1%	3.8%	3.0%	0.066
Streptococcal Sore Throat	4.3%	7.0%	4.2%	4.0%	5.2%	3.9%	0.015
Other Adrenocortical Overactivity	4.2%	0.0%	4.3%	0.0%	0.0%	0.0%	0.294
Abnormal Weight Gain	4.1%	1.8%	4.1%	0.2%	0.0%	0.2%	0.267

Table 5a. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Unspecified Otitis Media	4.0%	1.8%	4.0%	3.5%	3.8%	3.5%	0.027
Dietary Counseling And Surveillance	3.3%	3.5%	3.3%	2.1%	0.3%	2.1%	0.079
Other Hyperfunction Of Pituitary Gland	3.2%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Obesity, Unspecified	3.1%	8.8%	3.0%	0.9%	0.8%	0.9%	0.165
Allergic Rhinitis Cause Unspecified	3.1%	1.8%	3.1%	2.4%	4.8%	2.3%	0.04
Fever Unspecified	2.9%	1.8%	3.0%	2.0%	2.2%	2.0%	0.062
Acute Pharyngitis Unspecified	2.8%	0.0%	2.9%	2.3%	1.6%	2.4%	0.031
Examination Of Eyes And Vision	2.8%	3.5%	2.8%	3.7%	4.5%	3.6%	-0.051
Unspecified Viral Infection In Cce & Uns Site	2.8%	1.8%	2.8%	2.5%	3.1%	2.5%	0.019
Dietary Surveillance And Counseling	2.7%	3.5%	2.7%	5.1%	5.6%	5.1%	-0.175
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	1.8%	2.7%	2.9%	1.0%	3.0%	-0.013
Lack Normal Physiological Development Unspec	2.6%	1.8%	2.6%	0.1%	0.0%	0.1%	0.218
Exercise Counseling	2.6%	3.5%	2.6%	2.3%	2.2%	2.3%	0.018
Abdominal Pain, Unspecified Site	2.6%	3.5%	2.6%	1.8%	2.2%	1.8%	0.054
Acute Sinusitis, Unspecified	2.6%	1.8%	2.6%	1.6%	3.1%	1.5%	0.07
Add Of Childhood With Hyperactivity	2.5%	3.5%	2.5%	1.4%	1.1%	1.4%	0.084
Headache	2.5%	8.8%	2.4%	1.3%	2.7%	1.2%	0.09
Other Specified Counseling	2.5%	3.5%	2.5%	1.2%	0.0%	1.2%	0.106

Table 5a. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Urinary Tract Infection Site Not Specified	2.3%	3.5%	2.3%	1.8%	2.6%	1.8%	0.033
Need Proph Vacc&inoculat Against Viral Hep	2.3%	0.0%	2.3%	5.2%	6.4%	5.2%	-0.157
Other Specified Counseling	2.2%	1.8%	2.2%	3.2%	3.3%	3.2%	-0.076
Acute Upper Respiratory Infection Unspecified	2.0%	0.0%	2.0%	1.7%	1.1%	1.7%	0.023
Puberty	2.0%	5.3%	1.9%	0.0%	0.0%	0.0%	0.199
Short Stature Child	1.9%	1.8%	1.9%	0.1%	0.0%	0.1%	0.186
Need Proph Vacc&inoculat Against Varicella	1.9%	1.8%	1.9%	4.2%	4.8%	4.2%	-0.138
Unspecified Constipation	1.8%	0.0%	1.9%	0.9%	1.1%	0.9%	0.075
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.7%	1.8%	1.7%	1.6%	3.1%	1.6%	0.01
Oth Symptoms Concerning Nutrition Metab&dvlp	1.7%	7.0%	1.6%	0.0%	0.0%	0.0%	0.186
Hypermetropia	1.7%	5.3%	1.6%	1.0%	1.2%	1.0%	0.058
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.7%	1.0%	0.7%	1.1%	0.053
Dysuria	1.6%	0.0%	1.7%	0.9%	1.2%	0.9%	0.063
Unspecified Vaginitis And Vulvovaginitis	1.6%	1.8%	1.6%	0.5%	1.0%	0.4%	0.115
Laboratory Examination Unspecified	1.6%	0.0%	1.7%	0.1%	0.0%	0.1%	0.161
Other Acne	1.5%	3.5%	1.4%	0.1%	0.1%	0.1%	0.157
Myopia	1.4%	1.8%	1.4%	1.0%	0.8%	1.0%	0.043

Table 5a. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	7.6%	5.3%	7.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.3%	8.8%	5.2%	0.0%	0.0%	0.0%	-
Amoxicillin	4.6%	3.5%	4.6%	3.5%	2.9%	3.6%	0.054
Leuprolide Acetate	3.3%	1.8%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.1%	3.5%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.0%	5.3%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.9%	8.8%	2.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.4%	1.8%	2.4%	0.0%	0.0%	0.0%	0.219
Leuprolide Acetate	2.4%	5.3%	2.3%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	3.5%	2.1%	1.8%	1.4%	1.8%	0.022
Azithromycin	1.6%	0.0%	1.6%	0.8%	0.3%	0.8%	0.068
Azithromycin	1.4%	1.8%	1.4%	0.7%	0.7%	0.7%	0.074
Ciprofloxacin	1.3%	0.0%	1.4%	0.6%	1.0%	0.6%	0.072
Hcl/Dexamethasone							
Lidocaine/Prilocaine	1.2%	1.8%	1.2%	0.0%	0.0%	0.0%	0.154
Cephalexin	1.1%	0.0%	1.1%	1.0%	1.4%	1.0%	0.011
Amoxicillin	1.1%	1.8%	1.1%	0.9%	1.4%	0.8%	0.024
Albuterol Sulfate	0.8%	0.0%	0.9%	0.5%	0.5%	0.5%	0.041
Cefdinir	0.7%	0.0%	0.7%	0.3%	0.3%	0.3%	0.052
Albuterol Sulfate	0.6%	0.0%	0.6%	0.2%	0.1%	0.2%	0.065

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 5b. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,007 (100.0%)	68 (100.0%)	2,939 (100.0%)	3,007 (100.0%)	85 (100.0%)	2,922 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.6 (992.6)	704.1 (613.1)	1,057.6 (998.5)	1,085.3 (1026.9)	670.8 (610.8)	1,097.3 (1033.0)	-0.035
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	81 (2.7%)	0 (0.0%)	81 (2.8%)	84 (2.8%)	2 (2.4%)	81 (2.8%)	-0.005
3-4	104 (3.5%)	1 (1.5%)	103 (3.5%)	101 (3.4%)	4 (4.4%)	97 (3.3%)	0.006
5-6	387 (12.9%)	14 (20.6%)	373 (12.7%)	391 (13.0%)	11 (13.4%)	380 (13.0%)	-0.004
7-8	1,564 (52.0%)	40 (58.8%)	1,524 (51.9%)	1,558 (51.8%)	45 (53.2%)	1,513 (51.8%)	0.004
9-10	871 (29.0%)	13 (19.1%)	858 (29.2%)	874 (29.1%)	23 (26.7%)	851 (29.1%)	-0.002
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	9 (0.3%)	0 (0.1%)	9 (0.3%)	-0.015
Asian	117 (3.9%)	1 (1.5%)	116 (3.9%)	65 (2.2%)	2 (2.7%)	63 (2.2%)	0.11
Black or African American	169 (5.6%)	2 (2.9%)	167 (5.7%)	184 (6.1%)	3 (3.7%)	181 (6.2%)	-0.024
Native Hawaiian or Other Pacific Islander	21 (0.7%)	1 (1.5%)	20 (0.7%)	17 (0.6%)	0 (0.4%)	17 (0.6%)	0.02
Unknown	2,370 (78.8%)	53 (77.9%)	2,317 (78.8%)	2,347 (78.0%)	62 (73.5%)	2,284 (78.2%)	0.025
White	323 (10.7%)	11 (16.2%)	312 (10.6%)	384 (12.8%)	17 (19.7%)	367 (12.6%)	-0.071
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.098
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5b. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	74.9%	80.7%	74.7%	81.1%	92.0%	80.7%	-0.151
Routine Infant Or Child Health Check	29.5%	31.6%	29.5%	38.0%	40.8%	37.9%	-0.181
Precocious Puberty	25.8%	19.3%	25.9%	14.8%	6.6%	15.0%	0.278
Need Prophylactic Vaccination&inoculation Flu	12.3%	14.0%	12.3%	13.4%	13.5%	13.4%	-0.032
Acute Pharyngitis	10.4%	10.5%	10.4%	11.6%	15.5%	11.4%	-0.038
Encounter Rtn Child Health Exam W/O Abnorml Find	9.1%	5.3%	9.2%	8.1%	4.3%	8.2%	0.035
Encounter For Immunization	7.1%	1.8%	7.2%	6.0%	3.3%	6.1%	0.043
Other Unknown&unspec Cause Morbidity/Mortality	6.9%	7.0%	6.9%	5.8%	5.1%	5.8%	0.053
Acute Uris Of Unspecified Site	6.7%	7.0%	6.7%	7.1%	10.8%	7.0%	-0.017
Other Disorders Of Puberty	6.5%	3.5%	6.5%	5.6%	1.9%	5.8%	0.035
Short Stature	6.2%	1.8%	6.3%	2.8%	1.8%	2.8%	0.162
Cough	4.3%	0.0%	4.4%	3.7%	6.2%	3.6%	0.031
Streptococcal Sore Throat	4.2%	7.0%	4.2%	4.4%	4.6%	4.4%	-0.007
Other Adrenocortical Overactivity	4.1%	0.0%	4.2%	2.4%	2.4%	2.4%	0.095
Abnormal Weight Gain	4.1%	1.8%	4.1%	2.1%	4.1%	2.1%	0.114

Table 5b. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Unspecified Otitis Media	3.9%	1.8%	4.0%	3.7%	6.7%	3.6%	0.012
Dietary Counseling And Surveillance	3.2%	3.5%	3.2%	1.7%	2.5%	1.6%	0.107
Other Hyperfunction Of Pituitary Gland	3.2%	0.0%	3.3%	0.4%	0.0%	0.4%	0.216
Obesity, Unspecified	3.1%	8.8%	3.0%	2.5%	4.3%	2.5%	0.035
Allergic Rhinitis Cause Unspecified	3.0%	1.8%	3.1%	2.8%	2.5%	2.8%	0.013
Fever Unspecified	3.0%	1.8%	3.0%	3.1%	4.0%	3.1%	-0.011
Acute Pharyngitis Unspecified	2.8%	0.0%	2.9%	2.5%	1.0%	2.5%	0.021
Unspecified Viral Infection In Cce & Uns Site	2.8%	1.8%	2.8%	2.9%	4.0%	2.9%	-0.006
Unspecified Viral Infection In Cce & Uns Site	2.8%	3.5%	2.8%	2.9%	3.5%	2.9%	-0.009
Dietary Surveillance And Counseling	2.8%	3.5%	2.7%	3.8%	3.8%	3.8%	-0.071
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	1.8%	2.7%	3.2%	1.4%	3.2%	-0.027
Lack Normal Physiological Development Unspec	2.6%	1.8%	2.7%	1.0%	1.3%	1.0%	0.119
Abdominal Pain, Unspecified Site	2.6%	3.5%	2.6%	2.8%	4.2%	2.8%	-0.015
Acute Sinusitis, Unspecified	2.6%	1.8%	2.6%	2.0%	3.0%	2.0%	0.038
Exercise Counseling	2.5%	3.5%	2.5%	2.7%	2.6%	2.8%	-0.014
Add Of Childhood With Hyperactivity	2.5%	3.5%	2.5%	1.8%	2.6%	1.8%	0.052
Headache	2.5%	8.8%	2.4%	1.8%	2.8%	1.7%	0.051

Table 5b. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Other Specified Counseling	2.4%	3.5%	2.4%	1.1%	2.3%	1.1%	0.113
Urinary Tract Infection Site Not Specified	2.4%	3.5%	2.4%	2.5%	3.0%	2.5%	-0.007
Need Proph Vacc&inoculat Against Viral Hep	2.2%	1.8%	2.2%	2.7%	2.8%	2.7%	-0.036
Need Proph Vacc&inoculat Against Viral Hep	2.2%	0.0%	2.3%	2.6%	2.8%	2.6%	-0.025
Acute Upper Respiratory Infection Unspecified	2.0%	0.0%	2.1%	1.9%	2.7%	1.9%	0.008
Acute Upper Respiratory Infection Unspecified	2.0%	0.0%	2.0%	1.6%	0.6%	1.7%	0.027
Puberty	1.9%	5.3%	1.9%	1.0%	1.0%	1.0%	0.079
Need Proph Vacc&inoculat Against Varicella	1.9%	1.8%	1.9%	0.6%	0.4%	0.6%	0.116
Need Proph Vacc&inoculat Against Varicella	1.8%	1.8%	1.8%	1.8%	2.0%	1.8%	0.001
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.7%	5.3%	1.7%	1.5%	1.3%	1.5%	0.02
Oth Symptoms Concerning Nutrition Metab&dvlp	1.7%	1.8%	1.7%	1.7%	3.4%	1.7%	-0.005
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.7%	1.3%	1.6%	1.3%	0.033
Asthma, Unspecified, Unspecified Status	1.7%	7.0%	1.5%	0.8%	1.1%	0.8%	0.077

Table 5b. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Unspecified Vaginitis And Vulvovaginitis	1.6%	1.8%	1.6%	1.4%	2.1%	1.3%	0.021
Laboratory Examination Unspecified	1.6%	0.0%	1.7%	0.7%	1.0%	0.7%	0.089
Acute Suppurative Otitis Media W/O Spontaneous Rupture of Eardrum	1.5%	0.0%	1.5%	1.5%	2.8%	1.4%	0.003
Other Acne	1.5%	3.5%	1.4%	0.8%	0.7%	0.8%	0.071
Myopia	1.5%	1.8%	1.4%	1.3%	1.5%	1.3%	0.013
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	7.6%	5.3%	7.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.3%	8.8%	5.2%	0.0%	0.0%	0.0%	-
Amoxicillin	4.6%	3.5%	4.6%	4.2%	4.7%	4.2%	0.019
Leuprolide Acetate	3.2%	1.8%	3.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.1%	3.5%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.1%	5.3%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.0%	8.8%	2.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.5%	0.0%	2.6%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.4%	5.3%	2.3%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.3%	1.8%	2.4%	0.3%	0.6%	0.3%	0.184
Amoxicillin	2.2%	3.5%	2.2%	1.7%	4.1%	1.7%	0.034
Azithromycin	1.6%	0.0%	1.6%	1.1%	0.5%	1.2%	0.037
Azithromycin	1.4%	1.8%	1.4%	0.8%	1.4%	0.8%	0.056
Ciprofloxacin	1.3%	0.0%	1.4%	0.8%	1.6%	0.8%	0.052
Hcl/Dexamethasone							
Lidocaine/Prilocaine	1.2%	1.8%	1.2%	0.1%	0.0%	0.1%	0.134
Amoxicillin	1.1%	1.8%	1.1%	1.3%	0.9%	1.3%	-0.017

Table 5b. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Cephalexin	1.0%	0.0%	1.0%	0.9%	0.8%	0.9%	0.01
Albuterol Sulfate	1.0%	0.0%	1.0%	0.8%	1.1%	0.8%	0.022
Cefdinir	0.7%	0.0%	0.7%	0.5%	0.4%	0.5%	0.029
Albuterol Sulfate	0.7%	0.0%	0.7%	0.3%	0.0%	0.3%	0.062

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 5c. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	228 (100.0%)	2,788 (100.0%)	3,016 (100.0%)	250 (100.0%)	2,766 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	994.4 (955.2)	804.0 (724.8)	1,009.9 (968.8)	1,017.0 (1100.9)	915.8 (856.2)	1,026.1 (1117.3)	-0.022
Characteristics							
Mean age (years)	8.0 (1.7)	8.1 (1.5)	8.0 (1.8)	8.0 (1.7)	8.3 (1.6)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.9%)	82 (2.7%)	4 (1.5%)	78 (2.8%)	0
3-4	105 (3.5%)	5 (2.2%)	100 (3.6%)	105 (3.5%)	8 (3.3%)	97 (3.5%)	0
5-6	391 (13.0%)	38 (16.7%)	353 (12.7%)	390 (12.9%)	25 (10.1%)	365 (13.2%)	0.001
7-8	1,566 (51.9%)	118 (51.8%)	1,448 (51.9%)	1,566 (51.9%)	125 (50.0%)	1,441 (52.1%)	0
9-10	872 (28.9%)	67 (29.4%)	805 (28.9%)	873 (28.9%)	88 (35.2%)	785 (28.4%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.3%)	7 (0.2%)	1 (0.3%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	4 (1.8%)	115 (4.1%)	70 (2.3%)	5 (1.8%)	66 (2.4%)	0.102
Black or African American	170 (5.6%)	10 (4.4%)	160 (5.7%)	111 (3.7%)	9 (3.4%)	103 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	3 (1.3%)	19 (0.7%)	17 (0.6%)	2 (0.8%)	15 (0.5%)	0.026
Unknown	2,371 (78.6%)	173 (75.9%)	2,198 (78.8%)	2,417 (80.1%)	180 (72.3%)	2,236 (80.8%)	-0.049
White	327 (10.8%)	38 (16.7%)	289 (10.4%)	393 (13.0%)	53 (21.3%)	340 (12.3%)	-0.077
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	3 (1.3%)	11 (0.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5c. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	74.8%	88.0%	73.7%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	29.5%	29.3%	29.5%	74.1%	87.6%	72.8%	-1.009
Precocious Puberty	25.8%	12.0%	27.0%	0.0%	0.0%	0.0%	-
Need Prophylactic Vaccination&inoculation Flu	12.4%	14.7%	12.2%	13.1%	13.0%	13.1%	-0.021
Acute Pharyngitis	10.3%	12.6%	10.1%	9.8%	14.8%	9.3%	0.017
Encounter Rtn Child Health Exam W/O Abnorml Find	9.1%	3.7%	9.6%	19.7%	7.3%	20.8%	-0.312
Encounter For Immunization	7.2%	2.1%	7.6%	8.7%	2.7%	9.2%	-0.054
Other Unknown&unspec Cause Morbidity/Mortality	6.9%	5.8%	7.0%	5.2%	5.3%	5.2%	0.079
Acute Uris Of Unspecified Site	6.7%	9.9%	6.5%	6.6%	8.8%	6.4%	0.006
Other Disorders Of Puberty	6.5%	2.6%	6.8%	0.0%	0.0%	0.0%	-
Short Stature	6.1%	3.7%	6.3%	0.2%	0.0%	0.2%	0.349
Cough	4.3%	4.2%	4.3%	3.1%	3.3%	3.1%	0.066
Streptococcal Sore Throat	4.3%	5.8%	4.2%	4.0%	5.6%	3.8%	0.015
Other Adrenocortical Overactivity	4.2%	1.0%	4.5%	0.0%	0.0%	0.0%	0.294
Abnormal Weight Gain	4.1%	5.2%	4.0%	0.2%	0.1%	0.3%	0.267

Table 5c. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls					Controls	
	All	With event	Without event	All	With event	Without event	
Unspecified Otitis Media	4.0%	5.8%	3.8%	3.5%	4.1%	3.4%	0.027
Dietary Counseling And Surveillance	3.3%	2.1%	3.4%	2.1%	0.5%	2.2%	0.079
Other Hyperfunction Of Pituitary Gland	3.2%	0.5%	3.4%	0.0%	0.0%	0.0%	-
Obesity, Unspecified	3.1%	7.9%	2.8%	0.9%	1.0%	0.8%	0.165
Allergic Rhinitis Cause Unspecified	3.1%	2.6%	3.1%	2.4%	3.6%	2.3%	0.04
Fever Unspecified	2.9%	2.6%	3.0%	2.0%	1.6%	2.0%	0.062
Acute Pharyngitis Unspecified	2.8%	0.5%	3.0%	2.3%	1.2%	2.4%	0.031
Examination Of Eyes And Vision	2.8%	2.6%	2.8%	3.7%	4.3%	3.6%	-0.051
Unspecified Viral Infection In Cce & Uns Site	2.8%	2.6%	2.8%	2.5%	3.3%	2.4%	0.019
Dietary Surveillance And Counseling	2.7%	4.2%	2.6%	5.1%	7.7%	4.9%	-0.175
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	1.0%	2.8%	2.9%	1.0%	3.1%	-0.013
Lack Normal Physiological Development Unspec	2.6%	4.7%	2.4%	0.1%	0.1%	0.1%	0.218
Exercise Counseling	2.6%	3.1%	2.5%	2.3%	2.7%	2.3%	0.018
Abdominal Pain, Unspecified Site	2.6%	3.7%	2.5%	1.8%	2.7%	1.7%	0.054
Acute Sinusitis, Unspecified	2.6%	2.6%	2.6%	1.6%	2.7%	1.5%	0.07
Add Of Childhood With Hyperactivity	2.5%	3.7%	2.4%	1.4%	1.6%	1.4%	0.084
Headache	2.5%	4.7%	2.3%	1.3%	1.9%	1.2%	0.09
Other Specified Counseling	2.5%	1.6%	2.6%	1.2%	0.2%	1.3%	0.106

Table 5c. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Urinary Tract Infection Site Not Specified	2.3%	3.7%	2.2%	1.8%	2.4%	1.8%	0.033
Need Proph Vacc&inoculat Against Viral Hep	2.3%	2.1%	2.3%	5.2%	5.1%	5.2%	-0.157
Other Specified Counseling	2.2%	3.7%	2.1%	3.2%	4.6%	3.0%	-0.076
Acute Upper Respiratory Infection Unspecified	2.0%	0.5%	2.1%	1.7%	0.9%	1.7%	0.023
Puberty	2.0%	3.1%	1.9%	0.0%	0.0%	0.0%	0.199
Short Stature Child	1.9%	1.0%	2.0%	0.1%	0.1%	0.1%	0.186
Need Proph Vacc&inoculat Against Varicella	1.9%	3.1%	1.7%	4.2%	4.5%	4.2%	-0.138
Unspecified Constipation	1.8%	4.2%	1.6%	0.9%	1.1%	0.9%	0.075
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.7%	1.6%	1.7%	1.6%	2.6%	1.5%	0.01
Oth Symptoms Concerning Nutrition Metab&dvlp	1.7%	4.2%	1.5%	0.0%	0.0%	0.0%	0.186
Hypermetropia	1.7%	3.1%	1.6%	1.0%	1.6%	1.0%	0.058
Asthma, Unspecified, Unspecified Status	1.7%	0.5%	1.7%	1.0%	1.1%	1.0%	0.053
Dysuria	1.6%	2.1%	1.6%	0.9%	1.0%	0.9%	0.063
Unspecified Vaginitis And Vulvovaginitis	1.6%	1.0%	1.7%	0.5%	0.5%	0.4%	0.115
Laboratory Examination Unspecified	1.6%	1.0%	1.7%	0.1%	0.0%	0.1%	0.161
Other Acne	1.5%	2.1%	1.4%	0.1%	0.2%	0.1%	0.157
Myopia	1.4%	3.1%	1.3%	1.0%	1.6%	0.9%	0.043

Table 5c. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	7.6%	4.2%	7.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.3%	7.9%	5.1%	0.0%	0.0%	0.0%	-
Amoxicillin	4.6%	3.1%	4.7%	3.5%	3.4%	3.5%	0.054
Leuprolide Acetate	3.3%	1.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.1%	1.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.0%	3.1%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.9%	3.7%	2.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.6%	2.1%	2.6%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.4%	2.6%	2.4%	0.0%	0.0%	0.0%	0.219
Leuprolide Acetate	2.4%	4.7%	2.2%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	2.6%	2.1%	1.8%	2.0%	1.8%	0.022
Azithromycin	1.6%	1.6%	1.6%	0.8%	0.5%	0.9%	0.068
Azithromycin	1.4%	2.6%	1.3%	0.7%	0.7%	0.7%	0.074
Ciprofloxacin	1.3%	2.6%	1.2%	0.6%	0.7%	0.6%	0.072
Hcl/Dexamethasone							
Lidocaine/Prilocaine	1.2%	1.0%	1.2%	0.0%	0.0%	0.0%	0.154
Cephalexin	1.1%	1.6%	1.0%	1.0%	1.4%	0.9%	0.011
Amoxicillin	1.1%	1.6%	1.0%	0.9%	1.0%	0.8%	0.024
Albuterol Sulfate	0.8%	1.6%	0.8%	0.5%	0.5%	0.5%	0.041
Cefdinir	0.7%	0.5%	0.7%	0.3%	0.2%	0.3%	0.052
Albuterol Sulfate	0.6%	0.0%	0.7%	0.2%	0.2%	0.2%	0.065

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 5d. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.7)	1,726.0 (.)	1,118.0 (1171.6)	-0.04
Characteristics							
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	8.9 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (0.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (50.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (50.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (50.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (50.0%)	393 (13.0%)	-0.077
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5d. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	74.8%	0.0%	74.8%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	29.5%	0.0%	29.5%	74.1%	100.0%	74.1%	-1.009
Precocious Puberty	25.8%	0.0%	25.8%	0.0%	0.0%	0.0%	-
Need Prophylactic Vaccination&inoculation Flu	12.4%	0.0%	12.4%	13.1%	0.0%	13.1%	-0.021
Acute Pharyngitis	10.3%	0.0%	10.3%	9.8%	0.0%	9.8%	0.017
Encounter Rtn Child Health Exam W/O Abnorml Find	9.1%	0.0%	9.1%	19.7%	0.0%	19.7%	-0.312
Encounter For Immunization	7.2%	0.0%	7.2%	8.7%	0.0%	8.7%	-0.054
Other Unknown&unspec Cause Morbidity/Mortality	6.9%	0.0%	6.9%	5.2%	0.0%	5.2%	0.079
Acute Uris Of Unspecified Site	6.7%	0.0%	6.7%	6.6%	0.0%	6.6%	0.006
Other Disorders Of Puberty	6.5%	0.0%	6.5%	0.0%	0.0%	0.0%	-
Short Stature	6.1%	0.0%	6.1%	0.2%	0.0%	0.2%	0.349
Cough	4.3%	0.0%	4.3%	3.1%	0.0%	3.1%	0.066
Streptococcal Sore Throat	4.3%	0.0%	4.3%	4.0%	0.0%	4.0%	0.015
Other Adrenocortical Overactivity	4.2%	0.0%	4.2%	0.0%	0.0%	0.0%	0.294
Abnormal Weight Gain	4.1%	0.0%	4.1%	0.2%	0.0%	0.2%	0.267

Table 5d. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Unspecified Otitis Media	4.0%	0.0%	4.0%	3.5%	0.0%	3.5%	0.027
Dietary Counseling And Surveillance	3.3%	0.0%	3.3%	2.1%	0.0%	2.1%	0.079
Other Hyperfunction Of Pituitary Gland	3.2%	0.0%	3.2%	0.0%	0.0%	0.0%	-
Obesity, Unspecified	3.1%	0.0%	3.1%	0.9%	0.0%	0.9%	0.165
Allergic Rhinitis Cause Unspecified	3.1%	0.0%	3.1%	2.4%	0.0%	2.4%	0.04
Fever Unspecified	2.9%	0.0%	2.9%	2.0%	0.0%	2.0%	0.062
Acute Pharyngitis Unspecified	2.8%	0.0%	2.8%	2.3%	0.0%	2.3%	0.031
Examination Of Eyes And Vision	2.8%	0.0%	2.8%	3.7%	0.0%	3.7%	-0.051
Unspecified Viral Infection In Cce & Uns Site	2.8%	0.0%	2.8%	2.5%	0.0%	2.5%	0.019
Dietary Surveillance And Counseling	2.7%	0.0%	2.7%	5.1%	0.0%	5.1%	-0.175
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	2.7%	2.9%	0.0%	2.9%	-0.013
Lack Normal Physiological Development Unspec	2.6%	0.0%	2.6%	0.1%	0.0%	0.1%	0.218
Exercise Counseling	2.6%	0.0%	2.6%	2.3%	0.0%	2.3%	0.018
Abdominal Pain, Unspecified Site	2.6%	0.0%	2.6%	1.8%	0.0%	1.8%	0.054
Acute Sinusitis, Unspecified	2.6%	0.0%	2.6%	1.6%	0.0%	1.6%	0.07
Add Of Childhood With Hyperactivity	2.5%	0.0%	2.5%	1.4%	0.0%	1.4%	0.084
Headache	2.5%	0.0%	2.5%	1.3%	0.0%	1.3%	0.09
Other Specified Counseling	2.5%	0.0%	2.5%	1.2%	0.0%	1.2%	0.106

Table 5d. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Urinary Tract Infection Site Not Specified	2.3%	0.0%	2.3%	1.8%	0.0%	1.8%	0.033
Need Proph Vacc&inoculat Against Viral Hep	2.3%	0.0%	2.3%	5.2%	0.0%	5.2%	-0.157
Other Specified Counseling	2.2%	0.0%	2.2%	3.2%	0.0%	3.2%	-0.076
Acute Upper Respiratory Infection Unspecified	2.0%	0.0%	2.0%	1.7%	0.0%	1.7%	0.023
Puberty	2.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.199
Short Stature Child	1.9%	0.0%	1.9%	0.1%	0.0%	0.1%	0.186
Need Proph Vacc&inoculat Against Varicella	1.9%	0.0%	1.9%	4.2%	0.0%	4.2%	-0.138
Unspecified Constipation	1.8%	0.0%	1.8%	0.9%	0.0%	0.9%	0.075
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.7%	0.0%	1.7%	1.6%	0.0%	1.6%	0.01
Oth Symptoms Concerning Nutrition Metab&dvlp	1.7%	0.0%	1.7%	0.0%	0.0%	0.0%	0.186
Hypermetropia	1.7%	0.0%	1.7%	1.0%	0.0%	1.0%	0.058
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.7%	1.0%	0.0%	1.0%	0.053
Dysuria	1.6%	0.0%	1.6%	0.9%	0.0%	0.9%	0.063
Unspecified Vaginitis And Vulvovaginitis	1.6%	0.0%	1.6%	0.5%	0.0%	0.5%	0.115
Laboratory Examination Unspecified	1.6%	0.0%	1.6%	0.1%	0.0%	0.1%	0.161
Other Acne	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.157
Myopia	1.4%	0.0%	1.4%	1.0%	0.0%	1.0%	0.043

Table 5d. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	7.6%	0.0%	7.6%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.3%	0.0%	5.3%	0.0%	0.0%	0.0%	-
Amoxicillin	4.6%	0.0%	4.6%	3.5%	0.0%	3.5%	0.054
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.1%	0.0%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.0%	0.0%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.9%	0.0%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	0.219
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	0.0%	2.1%	1.8%	0.0%	1.8%	0.022
Azithromycin	1.6%	0.0%	1.6%	0.8%	0.0%	0.8%	0.068
Azithromycin	1.4%	0.0%	1.4%	0.7%	0.0%	0.7%	0.074
Ciprofloxacin	1.3%	0.0%	1.3%	0.6%	0.0%	0.6%	0.072
Hcl/Dexamethasone							
Lidocaine/Prilocaine	1.2%	0.0%	1.2%	0.0%	0.0%	0.0%	0.154
Cephalexin	1.1%	0.0%	1.1%	1.0%	0.0%	1.0%	0.011
Amoxicillin	1.1%	0.0%	1.1%	0.9%	0.0%	0.9%	0.024
Albuterol Sulfate	0.8%	0.0%	0.8%	0.5%	0.0%	0.5%	0.041
Cefdinir	0.7%	0.0%	0.7%	0.3%	0.0%	0.3%	0.052
Albuterol Sulfate	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.065

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 5e. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.6)	3,557.0 (.)	1,118.0 (1171.6)	-0.04
Characteristics							
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	4.6 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (100.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (0.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (100.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (0.0%)	393 (13.0%)	-0.077
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5e. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	74.8%	0.0%	74.8%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	29.5%	0.0%	29.5%	74.1%	100.0%	74.1%	-1.009
Precocious Puberty	25.8%	0.0%	25.8%	0.0%	0.0%	0.0%	-
Need Prophylactic Vaccination&inoculation Flu	12.4%	0.0%	12.4%	13.1%	0.0%	13.1%	-0.021
Acute Pharyngitis	10.3%	0.0%	10.3%	9.8%	0.0%	9.8%	0.017
Encounter Rtn Child Health Exam W/O Abnorml Find	9.1%	0.0%	9.1%	19.7%	0.0%	19.7%	-0.312
Encounter For Immunization	7.2%	0.0%	7.2%	8.7%	0.0%	8.7%	-0.054
Other Unknown&unspec Cause Morbidity/Mortality	6.9%	0.0%	6.9%	5.2%	0.0%	5.2%	0.079
Acute Uris Of Unspecified Site	6.7%	0.0%	6.7%	6.6%	100.0%	6.6%	0.006
Other Disorders Of Puberty	6.5%	0.0%	6.5%	0.0%	0.0%	0.0%	-
Short Stature	6.1%	0.0%	6.1%	0.2%	0.0%	0.2%	0.349
Cough	4.3%	0.0%	4.3%	3.1%	100.0%	3.1%	0.066
Streptococcal Sore Throat	4.3%	0.0%	4.3%	4.0%	0.0%	4.0%	0.015
Other Adrenocortical Overactivity	4.2%	0.0%	4.2%	0.0%	0.0%	0.0%	0.294
Abnormal Weight Gain	4.1%	0.0%	4.1%	0.2%	0.0%	0.2%	0.267

Table 5e. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Unspecified Otitis Media	4.0%	0.0%	4.0%	3.5%	0.0%	3.5%	0.027
Dietary Counseling And Surveillance	3.3%	0.0%	3.3%	2.1%	0.0%	2.1%	0.079
Other Hyperfunction Of Pituitary Gland	3.2%	0.0%	3.2%	0.0%	0.0%	0.0%	-
Obesity, Unspecified	3.1%	0.0%	3.1%	0.9%	0.0%	0.9%	0.165
Allergic Rhinitis Cause Unspecified	3.1%	0.0%	3.1%	2.4%	0.0%	2.4%	0.04
Fever Unspecified	2.9%	0.0%	2.9%	2.0%	0.0%	2.0%	0.062
Acute Pharyngitis Unspecified	2.8%	0.0%	2.8%	2.3%	0.0%	2.3%	0.031
Examination Of Eyes And Vision	2.8%	0.0%	2.8%	3.7%	0.0%	3.7%	-0.051
Unspecified Viral Infection In Cce & Uns Site	2.8%	0.0%	2.8%	2.5%	0.0%	2.5%	0.019
Dietary Surveillance And Counseling	2.7%	0.0%	2.7%	5.1%	0.0%	5.1%	-0.175
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	2.7%	2.9%	0.0%	2.9%	-0.013
Lack Normal Physiological Development Unspec	2.6%	0.0%	2.6%	0.1%	0.0%	0.1%	0.218
Exercise Counseling	2.6%	0.0%	2.6%	2.3%	0.0%	2.3%	0.018
Abdominal Pain, Unspecified Site	2.6%	0.0%	2.6%	1.8%	0.0%	1.8%	0.054
Acute Sinusitis, Unspecified	2.6%	0.0%	2.6%	1.6%	0.0%	1.6%	0.07
Add Of Childhood With Hyperactivity	2.5%	0.0%	2.5%	1.4%	0.0%	1.4%	0.084
Headache	2.5%	0.0%	2.5%	1.3%	0.0%	1.3%	0.09
Other Specified Counseling	2.5%	0.0%	2.5%	1.2%	0.0%	1.2%	0.106

Table 5e. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls					Matched Non-CPP Controls	
	All	With event	Without event	All	With event	Without event	
Urinary Tract Infection Site Not Specified	2.3%	0.0%	2.3%	1.8%	0.0%	1.8%	0.033
Need Proph Vacc&inoculat Against Viral Hep	2.3%	0.0%	2.3%	5.2%	0.0%	5.2%	-0.157
Other Specified Counseling	2.2%	0.0%	2.2%	3.2%	0.0%	3.2%	-0.076
Acute Upper Respiratory Infection Unspecified	2.0%	0.0%	2.0%	1.7%	0.0%	1.7%	0.023
Puberty	2.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.199
Short Stature Child	1.9%	0.0%	1.9%	0.1%	0.0%	0.1%	0.186
Need Proph Vacc&inoculat Against Varicella	1.9%	0.0%	1.9%	4.2%	0.0%	4.2%	-0.138
Unspecified Constipation	1.8%	0.0%	1.8%	0.9%	0.0%	0.9%	0.075
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.7%	0.0%	1.7%	1.6%	100.0%	1.6%	0.01
Oth Symptoms Concerning Nutrition Metab&dvlp	1.7%	0.0%	1.7%	0.0%	0.0%	0.0%	0.186
Hypermetropia	1.7%	0.0%	1.7%	1.0%	0.0%	1.0%	0.058
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.7%	1.0%	0.0%	1.0%	0.053
Dysuria	1.6%	0.0%	1.6%	0.9%	0.0%	0.9%	0.063
Unspecified Vaginitis And Vulvovaginitis	1.6%	0.0%	1.6%	0.5%	0.0%	0.5%	0.115
Laboratory Examination Unspecified	1.6%	0.0%	1.6%	0.1%	0.0%	0.1%	0.161
Other Acne	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.157
Myopia	1.4%	0.0%	1.4%	1.0%	0.0%	1.0%	0.043

Table 5e. Baseline Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	7.6%	0.0%	7.6%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.3%	0.0%	5.3%	0.0%	0.0%	0.0%	-
Amoxicillin	4.6%	0.0%	4.6%	3.5%	0.0%	3.5%	0.054
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.1%	0.0%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.0%	0.0%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.9%	0.0%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	0.219
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	0.0%	2.1%	1.8%	0.0%	1.8%	0.022
Azithromycin	1.6%	0.0%	1.6%	0.8%	0.0%	0.8%	0.068
Azithromycin	1.4%	0.0%	1.4%	0.7%	0.0%	0.7%	0.074
Ciprofloxacin	1.3%	0.0%	1.3%	0.6%	0.0%	0.6%	0.072
Hcl/Dexamethasone							
Lidocaine/Prilocaine	1.2%	0.0%	1.2%	0.0%	0.0%	0.0%	0.154
Cephalexin	1.1%	0.0%	1.1%	1.0%	0.0%	1.0%	0.011
Amoxicillin	1.1%	0.0%	1.1%	0.9%	0.0%	0.9%	0.024
Albuterol Sulfate	0.8%	0.0%	0.8%	0.5%	0.0%	0.5%	0.041
Cefdinir	0.7%	0.0%	0.7%	0.3%	0.0%	0.3%	0.052
Albuterol Sulfate	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.065

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 6a. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence	Difference	Hazard Ratio (95% Confidence Interval)	Wald P-Value
								Rate per 1000 Person Years	Difference in Risk per 1000 New Users		
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	3,016	8,666.34	1,049.53	2.87	68	7.85	22.55				
Eligible Non-CPP Controls	6,925,684	20,156,231.36	1,063.01	2.91	173,261	8.60	25.02	-0.75	-2.47	0.87 (0.69, 1.10)	0.248
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	8,095.19	980.36	2.68	63	7.78	20.89				
Matched Non-CPP Controls	30,160	42,963.83	520.31	1.42	541	12.59	17.94	-4.81	2.95	0.66 (0.51, 0.87)	0.003

Table 6b. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence	Difference	Hazard Ratio (95% Confidence Interval)	Wald P-Value
								Rate per 1000 Person Years	Difference in Risk per 1000 New Users		
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	3,016	8,666.34	1,049.53	2.87	68	7.85	22.55	-1.08	-4.84	0.82 (0.65, 1.05)	0.119
Eligible CPP Controls	69,629	213,659.91	1,120.79	3.07	1,907	8.93	27.39				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with CPP Controls	3,007	7,946.33	965.21	2.64	61	7.68	20.29	-3.73	3.59	0.77 (0.59, 1.01)	0.059
Matched CPP Controls	28,143	41,217.33	534.93	1.46	470	11.40	16.70				

Table 6c. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence		Hazard Ratio (95% Confidence Interval)	Wald P-Value
								Rate Difference per 1000 Person Years	Difference in Risk per 1000 New Users		
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	3,016	8,210.82	994.36	2.72	228	27.77	75.60	5.24	12.75	1.22 (1.07, 1.39)	0.003
Eligible Non-CPP Controls	6,925,684	19,318,812.79	1,018.84	2.79	435,262	22.53	62.85				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	7,640.71	925.32	2.53	215	28.14	71.29	-4.07	27.98	0.88 (0.76, 1.02)	0.091
Matched Non-CPP Controls	30,160	40,542.55	490.99	1.34	1,306	32.21	43.30				

Table 6d. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Hip Replacement

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence Rate Difference		Hazard Ratio (95% Confidence Interval)	Wald P-Value
								per 1000 Person Years	in Risk per 1000 New Users		
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	3,016	8,871.14	1,074.33	2.94	0	0.00	0.00	-0.01	-0.02	-	-
Eligible Non-CPP Controls	6,925,684	20,755,145.37	1,094.59	3.00	114	0.01	0.02				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	8,324.24	1,008.10	2.76	0	0.00	0.00	-0.02	-0.03	-	-
Matched Non-CPP Controls	30,160	44,510.83	539.04	1.48	1	0.02	0.03				

Table 6e. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Temporomandibular Joint Replacement

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence		Hazard Ratio (95% Confidence Interval)	Wald P-Value
								Rate Difference per 1000 Person Years	Difference in Risk per 1000 New Users		
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	3,016	8,871.14	1,074.33	2.94	0	0.00	0.00	0.00	-0.01	-	-
Eligible Non-CPP Controls	6,925,684	20,755,385.31	1,094.61	3.00	45	0.00	0.01				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	3,016	8,324.24	1,008.10	2.76	0	0.00	0.00	0.00	0.00	-	-
Matched Non-CPP Controls	30,160	44,516.64	539.11	1.48	0	0.00	0.00				

Table 7. Summary of Leuprolide Acetate Exposure Duration and Dispensings among Female Leuprolide Acetate Exposed Children and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls with Major Fractures in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018

	Number of patients	Mean	Minimum	Maximum	5%	10%	25%	Median	75%	90%	95%	99%
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls												
Time since index date (days)	68	704	33	3,012	85	100	218	516	985	1,718	1,982	3,012
Time since exposure discontinuation (days)	68	224	-1,253	2,800	-856	-605	-128	106	495	1,184	1,528	2,800
Cumulative leuprolide acetate exposure duration (days)	68	481	31	1,997	31	31	60	325	743	1,262	1,354	1,997
Cumulative leuprolide acetate utilization	68	11	1	70	1	1	2	7	12	27	39	70
Age at the time of the event (years)	68	10	4	17								
Matched Non-CPP Controls												
Time since index date (days)	883	728	2	4,751	50	81	226	524	983	1,658	2,140	3,656
Time since exposure discontinuation (days)	883	-655	-6,337	4,597	-3,971	-3,133	-2,013	-627	682	2,000	2,616	3,637
Cumulative leuprolide acetate exposure duration (days)	883	361	2	3,012	31	31	31	224	577	925	1,137	1,506
Cumulative leuprolide acetate utilization	883	8	1	74	1	1	1	4	10	21	32	51
Age at the time of the event (years)	883	10	2	23								
Leuprolide Acetate Exposed Children Matched with CPP Controls												
Time since index date (days)	68	704	33	3,012	85	100	218	516	985	1,718	1,982	3,012
Time since exposure discontinuation (days)	68	224	-1,253	2,800	-856	-605	-128	106	495	1,184	1,528	2,800
Cumulative leuprolide acetate exposure duration (days)	68	481	31	1,997	31	31	60	325	743	1,262	1,354	1,997
Cumulative leuprolide acetate utilization	68	11	1	70	1	1	2	7	12	27	39	70
Age at the time of the event (years)	68	10	4	17								
Matched CPP Controls												
Time since index date (days)	796	673	2	4,443	36	76	208	528	923	1,494	1,938	2,907
Time since exposure discontinuation (days)	796	-221	-5,520	5,797	-3,260	-2,535	-1,457	-183	943	2,112	2,837	3,906
Cumulative leuprolide acetate exposure duration (days)	796	357	1	2,777	31	31	31	220	574	888	1,159	1,594
Cumulative leuprolide acetate utilization	796	8	1	100	1	1	1	4	11	23	32	51
Age at the time of the event (years)	796	10	1	21								

Table 8a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	68 (100.0%)	2,948 (100.0%)	3,016 (100.0%)	88 (100.0%)	2,928 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.5 (992.7)	704.1 (613.1)	1,057.5 (998.5)	1,081.0 (1150.5)	728.2 (692.8)	1,091.7 (1158.8)	-0.029
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.1 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.8%)	82 (2.7%)	2 (1.9%)	80 (2.7%)	0
3-4	105 (3.5%)	1 (1.5%)	104 (3.5%)	105 (3.5%)	4 (4.6%)	101 (3.4%)	0
5-6	391 (13.0%)	14 (20.6%)	377 (12.8%)	390 (12.9%)	9 (10.6%)	381 (13.0%)	0.001
7-8	1,566 (51.9%)	40 (58.8%)	1,526 (51.8%)	1,566 (51.9%)	45 (51.0%)	1,521 (51.9%)	0
9-10	872 (28.9%)	13 (19.1%)	859 (29.1%)	873 (28.9%)	28 (31.8%)	845 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.2%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	1 (1.5%)	118 (4.0%)	70 (2.3%)	1 (1.2%)	69 (2.4%)	0.102
Black or African American	170 (5.6%)	2 (2.9%)	168 (5.7%)	111 (3.7%)	2 (2.4%)	109 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	1 (1.5%)	21 (0.7%)	17 (0.6%)	1 (0.6%)	16 (0.6%)	0.026
Unknown	2,371 (78.6%)	53 (77.9%)	2,318 (78.6%)	2,417 (80.1%)	65 (73.8%)	2,352 (80.3%)	-0.049
White	327 (10.8%)	11 (16.2%)	316 (10.7%)	393 (13.0%)	19 (21.7%)	374 (12.8%)	-0.077
Anti-epileptic drugs	13 (0.4%)	0 (0.0%)	13 (0.4%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.062
Anticoagulants	8 (0.3%)	0 (0.0%)	8 (0.3%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.066
Antidepressants	35 (1.2%)	0 (0.0%)	35 (1.2%)	18 (0.6%)	0 (0.5%)	18 (0.6%)	0.059
Beta blockers	1 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.006
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	29 (1.0%)	2 (2.9%)	27 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.138
Corticosteroids	183 (6.1%)	2 (2.9%)	181 (6.1%)	154 (5.1%)	7 (7.7%)	147 (5.0%)	0.042
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	180 (6.0%)	2 (2.9%)	178 (6.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	29 (1.0%)	2 (2.9%)	27 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Medroxyprogesterone	4 (0.1%)	0 (0.0%)	4 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.048
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	10 (0.3%)	1 (1.5%)	9 (0.3%)	8 (0.3%)	0 (0.5%)	8 (0.3%)	0.012
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	21 (0.7%)	0 (0.0%)	21 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	10 (0.3%)	0 (0.0%)	10 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	65.1%	70.2%	65.0%	0.3%	0.0%	0.3%	1.93
Precocious Puberty	24.5%	19.3%	24.6%	0.1%	0.0%	0.1%	0.808
Routine Infant Or Child Health Check	19.4%	24.6%	19.3%	4.0%	3.5%	4.0%	0.497

Table 8a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	10.8%	10.5%	10.8%	5.3%	7.1%	5.2%	0.207
Acute Pharyngitis	9.3%	12.3%	9.2%	8.6%	11.9%	8.5%	0.025
Encounter Rtn Child Health Exam W/O Abnorml Find	7.1%	3.5%	7.2%	1.1%	0.1%	1.2%	0.307
Encounter For Immunization	6.5%	3.5%	6.5%	3.0%	2.0%	3.0%	0.166
Acute Uris Of Unspecified Site	6.2%	10.5%	6.1%	5.9%	10.6%	5.8%	0.011
Other Hyperfunction Of Pituitary Gland	6.2%	5.3%	6.2%	0.0%	0.0%	0.0%	-
Other Unknown & unspec Cause Morbidity/Mortality	5.9%	5.3%	5.9%	4.9%	7.5%	4.8%	0.048
Cough	4.4%	0.0%	4.5%	2.7%	4.2%	2.7%	0.087
Streptococcal Sore Throat	3.4%	5.3%	3.4%	3.0%	4.1%	3.0%	0.022
Unspecified Otitis Media	3.3%	3.5%	3.3%	2.9%	4.9%	2.8%	0.022
Acute Sinusitis, Unspecified	3.2%	5.3%	3.1%	1.6%	3.3%	1.6%	0.102
Fever Unspecified	3.1%	7.0%	3.0%	1.5%	1.9%	1.5%	0.105
Acute Pharyngitis Unspecified	3.0%	3.5%	3.0%	2.4%	1.9%	2.4%	0.038
Other Disorders Of Puberty	3.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.249
Allergic Rhinitis Cause Unspecified	3.0%	3.5%	3.0%	2.2%	2.5%	2.2%	0.048
Short Stature	3.0%	1.8%	3.0%	0.1%	0.3%	0.1%	0.232
Dietary Counseling And Surveillance	2.6%	1.8%	2.6%	0.3%	0.0%	0.3%	0.205
Add Of Childhood With Hyperactivity	2.2%	3.5%	2.2%	1.3%	1.5%	1.3%	0.071
Examination Of Eyes And Vision	2.2%	3.5%	2.1%	1.8%	2.3%	1.8%	0.029

Table 8a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Dietary Surveillance And Counseling	2.1%	1.8%	2.1%	0.5%	0.4%	0.5%	0.161
Obesity, Unspecified	2.1%	3.5%	2.1%	0.3%	0.4%	0.3%	0.171
Other Adrenocortical Overactivity	2.1%	1.8%	2.1%	0.0%	0.0%	0.0%	0.202
Unspecified Viral Infection In Cce & Uns Site	2.0%	1.8%	2.0%	2.1%	3.8%	2.1%	-0.008
Headache	2.0%	1.8%	2.0%	1.0%	1.0%	1.0%	0.085
Abdominal Pain, Unspecified Site	2.0%	1.8%	2.0%	1.5%	1.9%	1.5%	0.034
Exercise Counseling	1.9%	1.8%	1.9%	0.3%	0.1%	0.3%	0.167
Acute Upper Respiratory Infection Unspecified	1.9%	0.0%	1.9%	1.4%	1.2%	1.4%	0.043
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.8%	0.9%	0.8%	0.9%	0.069
Encounter Rtn Child Health Exam W/Abnormal Find	1.6%	1.8%	1.6%	0.2%	0.0%	0.2%	0.152
Myopia	1.5%	0.0%	1.6%	1.3%	1.2%	1.3%	0.017
Streptococcal Pharyngitis	1.5%	0.0%	1.6%	1.2%	0.5%	1.2%	0.029
Other Specified Counseling	1.5%	1.8%	1.5%	0.3%	0.3%	0.3%	0.135
Other Specified Counseling	1.5%	1.8%	1.5%	0.2%	0.0%	0.2%	0.156
Abnormal Weight Gain	1.5%	0.0%	1.5%	0.1%	0.3%	0.1%	0.157
Urinary Tract Infection Site Not Specified	1.5%	1.8%	1.4%	1.0%	1.8%	1.0%	0.044
Unspecified Constipation	1.3%	0.0%	1.4%	0.6%	0.5%	0.6%	0.075
Contact Dermatitis&other Eczema Due Unspec Cause	1.3%	5.3%	1.2%	0.9%	1.0%	0.9%	0.037
Pain In Soft Tissues Of Limb	1.3%	7.0%	1.2%	0.6%	2.2%	0.6%	0.067

Table 8a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Lack Normal Physiological Development Unspec	1.3%	1.8%	1.2%	0.0%	0.0%	0.0%	0.151
Unspecified Hypothyroidism	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.146
Hypermetropia	1.1%	0.0%	1.2%	1.0%	1.2%	1.0%	0.012
Cough	1.0%	1.8%	1.0%	0.9%	0.8%	0.9%	0.018
Acut Supratv Otitis Media W/O Spont Rup Eardrum	1.0%	1.8%	1.0%	0.8%	2.2%	0.8%	0.022
Short Stature Child	1.0%	0.0%	1.1%	0.1%	0.0%	0.1%	0.134
Body Mass Index Bmi Pediatric 5th % <85th % Age	1.0%	1.8%	0.9%	0.1%	0.1%	0.1%	0.114
Add Childhood Without Mention Hyperactivity	0.9%	1.8%	0.9%	0.3%	0.3%	0.3%	0.075
Need Proph Vacc&inoculat Against Viral Hep	0.9%	0.0%	0.9%	0.3%	0.5%	0.3%	0.073
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	8.7%	7.0%	8.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.2%	12.3%	6.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	4.4%	7.0%	4.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.7%	5.3%	3.7%	0.0%	0.0%	0.0%	-
Amoxicillin	3.6%	3.5%	3.6%	3.2%	3.8%	3.1%	0.025
Leuprolide Acetate	3.5%	7.0%	3.5%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	3.1%	5.3%	3.0%	0.0%	0.3%	0.0%	0.247
Leuprolide Acetate	2.9%	0.0%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	10.5%	2.6%	0.0%	0.0%	0.0%	-
Histrelin Acetate	2.6%	1.8%	2.6%	0.0%	0.0%	0.0%	0.233
Leuprolide Acetate	2.6%	5.3%	2.5%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	1.6%	3.5%	1.5%	1.2%	1.4%	1.2%	0.03
Amoxicillin	1.5%	3.5%	1.4%	1.6%	1.9%	1.6%	-0.014

Table 8a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	1.3%	0.0%	1.3%	0.7%	0.4%	0.7%	0.057
Amoxicillin	1.2%	0.0%	1.2%	0.7%	0.4%	0.7%	0.045
Azithromycin	1.1%	0.0%	1.2%	0.8%	1.1%	0.8%	0.03
Azithromycin	0.7%	0.0%	0.7%	0.4%	0.4%	0.4%	0.044
Azithromycin	0.6%	0.0%	0.7%	0.2%	0.1%	0.2%	0.066
Lidocaine/Prilocaine	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.106
Ciprofloxacin	0.6%	0.0%	0.6%	0.3%	0.5%	0.3%	0.046
Hcl/Dexamethasone							

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 8b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,007 (100.0%)	68 (100.0%)	2,939 (100.0%)	3,007 (100.0%)	85 (100.0%)	2,922 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.6 (992.6)	704.1 (613.1)	1,057.6 (998.5)	1,085.3 (1026.9)	670.8 (610.8)	1,097.3 (1033.0)	-0.035
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	81 (2.7%)	0 (0.0%)	81 (2.8%)	84 (2.8%)	2 (2.4%)	81 (2.8%)	-0.005
3-4	104 (3.5%)	1 (1.5%)	103 (3.5%)	101 (3.4%)	4 (4.4%)	97 (3.3%)	0.006
5-6	387 (12.9%)	14 (20.6%)	373 (12.7%)	391 (13.0%)	11 (13.4%)	380 (13.0%)	-0.004
7-8	1,564 (52.0%)	40 (58.8%)	1,524 (51.9%)	1,558 (51.8%)	45 (53.2%)	1,513 (51.8%)	0.004
9-10	871 (29.0%)	13 (19.1%)	858 (29.2%)	874 (29.1%)	23 (26.7%)	851 (29.1%)	-0.002
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	9 (0.3%)	0 (0.1%)	9 (0.3%)	-0.015
Asian	117 (3.9%)	1 (1.5%)	116 (3.9%)	65 (2.2%)	2 (2.7%)	63 (2.2%)	0.11
Black or African American	169 (5.6%)	2 (2.9%)	167 (5.7%)	184 (6.1%)	3 (3.7%)	181 (6.2%)	-0.024
Native Hawaiian or Other Pacific Islander	21 (0.7%)	1 (1.5%)	20 (0.7%)	17 (0.6%)	0 (0.4%)	17 (0.6%)	0.02
Unknown	2,370 (78.8%)	53 (77.9%)	2,317 (78.8%)	2,347 (78.0%)	62 (73.5%)	2,284 (78.2%)	0.025
White	323 (10.7%)	11 (16.2%)	312 (10.6%)	384 (12.8%)	17 (19.7%)	367 (12.6%)	-0.071
Anti-epileptic drugs	13 (0.4%)	0 (0.0%)	13 (0.4%)	7 (0.2%)	0 (0.2%)	7 (0.2%)	0.032
Anticoagulants	8 (0.3%)	0 (0.0%)	8 (0.3%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.06
Antidepressants	35 (1.2%)	0 (0.0%)	35 (1.2%)	31 (1.0%)	1 (1.4%)	30 (1.0%)	0.012
Beta blockers	1 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	-0.005
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	28 (0.9%)	2 (2.9%)	26 (0.9%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.121
Corticosteroids	183 (6.1%)	2 (2.9%)	181 (6.2%)	178 (5.9%)	7 (7.7%)	172 (5.9%)	0.007
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	177 (5.9%)	2 (2.9%)	175 (6.0%)	10 (0.3%)	0 (0.4%)	10 (0.3%)	0.325
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	29 (1.0%)	2 (2.9%)	27 (0.9%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.136
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.034
Medroxyprogesterone	4 (0.1%)	0 (0.0%)	4 (0.1%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.036
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	10 (0.3%)	1 (1.5%)	9 (0.3%)	9 (0.3%)	0 (0.1%)	8 (0.3%)	0.009
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	20 (0.7%)	0 (0.0%)	20 (0.7%)	1 (0.0%)	0 (0.1%)	1 (0.0%)	0.107
Short-acting gonadorelin	10 (0.3%)	0 (0.0%)	10 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.084
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.022
Short-acting leuprolide acetate	4 (0.1%)	0 (0.0%)	4 (0.1%)	1 (0.0%)	0 (0.1%)	1 (0.0%)	0.035
Short-acting nafarelin	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.056
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	65.1%	70.2%	65.0%	15.0%	19.4%	14.9%	1.199
Precocious Puberty	24.4%	19.3%	24.6%	3.4%	2.7%	3.4%	0.644
Routine Infant Or Child Health Check	19.4%	24.6%	19.3%	17.4%	22.7%	17.3%	0.051

Table 8b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	10.8%	10.5%	10.8%	10.7%	15.0%	10.6%	0.002
Acute Pharyngitis	9.3%	12.3%	9.3%	10.3%	15.8%	10.1%	-0.032
Encounter Rtn Child Health Exam W/O Abnorml Find	7.2%	3.5%	7.2%	4.7%	2.3%	4.7%	0.107
Encounter For Immunization	6.6%	3.5%	6.6%	4.9%	2.5%	5.0%	0.07
Acute Uris Of Unspecified Site	6.2%	10.5%	6.1%	6.4%	9.6%	6.3%	-0.01
Other Hyperfunction Of Pituitary Gland	6.2%	5.3%	6.2%	0.2%	0.0%	0.2%	0.347
Other Unknown & unspec Cause Morbidity/Mortality	5.9%	5.3%	6.0%	5.5%	5.1%	5.5%	0.02
Cough	4.4%	0.0%	4.5%	3.8%	6.7%	3.7%	0.03
Streptococcal Sore Throat	3.4%	5.3%	3.4%	3.7%	5.3%	3.7%	-0.016
Unspecified Otitis Media	3.3%	3.5%	3.3%	3.1%	5.9%	3.1%	0.01
Acute Sinusitis, Unspecified	3.2%	5.3%	3.1%	2.2%	3.9%	2.2%	0.061
Fever Unspecified	3.1%	7.0%	3.0%	2.3%	3.9%	2.2%	0.053
Other Disorders Of Puberty	3.1%	0.0%	3.1%	1.0%	0.3%	1.1%	0.144
Acute Pharyngitis Unspecified	3.0%	3.5%	3.0%	3.0%	1.3%	3.0%	0.001
Allergic Rhinitis Cause Unspecified	3.0%	3.5%	3.0%	2.9%	3.0%	2.9%	0.008
Short Stature	3.0%	1.8%	3.0%	0.9%	1.1%	0.9%	0.151
Dietary Counseling And Surveillance	2.5%	1.8%	2.6%	1.1%	0.4%	1.1%	0.114
Examination Of Eyes And Vision	2.2%	3.5%	2.2%	2.0%	2.7%	1.9%	0.016

Table 8b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Add Of Childhood With Hyperactivity	2.1%	3.5%	2.1%	1.4%	2.3%	1.4%	0.054
Dietary Surveillance And Counseling	2.1%	1.8%	2.1%	1.4%	1.3%	1.4%	0.061
Obesity, Unspecified	2.1%	3.5%	2.1%	0.9%	0.9%	0.9%	0.1
Other Adrenocortical Overactivity	2.1%	1.8%	2.1%	1.1%	2.4%	1.1%	0.074
Unspecified Viral Infection In Cce & Uns Site	2.0%	1.8%	2.0%	2.5%	2.9%	2.5%	-0.03
Abdominal Pain, Unspecified Site	2.0%	1.8%	2.0%	1.9%	3.8%	1.9%	0.004
Headache	1.9%	1.8%	1.9%	1.5%	2.3%	1.5%	0.036
Exercise Counseling	1.9%	1.8%	1.9%	1.0%	1.0%	1.0%	0.079
Acute Upper Respiratory Infection Unspecified	1.9%	0.0%	1.9%	1.6%	0.7%	1.6%	0.019
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.8%	1.2%	1.6%	1.2%	0.042
Encounter Rtn Child Health Exam W/Abnormal Find	1.6%	1.8%	1.6%	0.9%	0.3%	0.9%	0.066
Myopia	1.5%	0.0%	1.6%	1.2%	0.8%	1.2%	0.03
Abnormal Weight Gain	1.5%	0.0%	1.5%	0.5%	0.8%	0.5%	0.097
Other Specified Counseling	1.5%	1.8%	1.5%	0.4%	0.3%	0.4%	0.117
Streptococcal Pharyngitis	1.5%	0.0%	1.5%	1.3%	0.6%	1.3%	0.016
Urinary Tract Infection Site Not Specified	1.5%	1.8%	1.4%	1.1%	2.5%	1.0%	0.034
Other Specified Counseling	1.5%	1.8%	1.4%	1.0%	0.8%	1.0%	0.05
Pain In Soft Tissues Of Limb	1.4%	7.0%	1.2%	1.1%	3.6%	1.0%	0.026
Unspecified Constipation	1.3%	0.0%	1.4%	1.1%	2.0%	1.0%	0.025

Table 8b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Contact Dermatitis&other Eczema Due Unspec Cause	1.3%	5.3%	1.2%	1.2%	1.6%	1.2%	0.009
Lack Normal Physiological Development Unspec	1.3%	1.8%	1.2%	0.3%	0.3%	0.3%	0.113
Unspecified Hypothyroidism	1.2%	0.0%	1.2%	0.3%	0.1%	0.3%	0.1
Hypermetropia	1.1%	0.0%	1.1%	1.0%	1.5%	1.0%	0.005
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.1%	1.8%	1.0%	0.7%	0.3%	0.7%	0.035
Short Stature Child	1.1%	0.0%	1.1%	0.2%	0.0%	0.2%	0.102
Cough	1.0%	1.8%	1.0%	1.2%	0.4%	1.2%	-0.015
Body Mass Index Bmi Pediatric 5th % <85th % Age	1.0%	1.8%	1.0%	0.5%	0.1%	0.5%	0.055
Add Childhood Without Mention Hyperactivity	1.0%	1.8%	1.0%	0.4%	0.8%	0.4%	0.063
Unspecified Otagia	0.9%	1.8%	0.9%	0.6%	1.0%	0.6%	0.041
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	8.8%	7.0%	8.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.2%	12.3%	6.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	4.5%	7.0%	4.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.7%	5.3%	3.7%	0.0%	0.0%	0.0%	-
Amoxicillin	3.6%	3.5%	3.6%	3.7%	5.5%	3.6%	-0.002
Leuprolide Acetate	3.6%	7.0%	3.5%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	3.1%	5.3%	3.0%	0.1%	0.3%	0.1%	0.245
Leuprolide Acetate	2.9%	0.0%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	10.5%	2.5%	0.0%	0.0%	0.0%	-
Histrelin Acetate	2.6%	1.8%	2.7%	0.1%	0.0%	0.1%	0.217
Leuprolide Acetate	2.6%	5.3%	2.5%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	1.6%	3.5%	1.5%	1.5%	1.3%	1.5%	0.01

Table 8b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Amoxicillin	1.5%	3.5%	1.4%	1.4%	2.6%	1.3%	0.008
Amoxicillin	1.3%	0.0%	1.3%	1.2%	1.8%	1.1%	0.012
Amoxicillin	1.2%	0.0%	1.2%	1.1%	1.8%	1.1%	0.008
Azithromycin	1.1%	0.0%	1.1%	1.2%	1.1%	1.2%	-0.011
Azithromycin	0.7%	0.0%	0.7%	0.5%	0.7%	0.5%	0.028
Lidocaine/Prilocaine	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.102
Cephalexin	0.6%	1.8%	0.6%	0.3%	0.5%	0.3%	0.045
Ciprofloxacin	0.6%	0.0%	0.6%	0.3%	0.3%	0.3%	0.046
Hcl/Dexamethasone							

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 8c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	228 (100.0%)	2,788 (100.0%)	3,016 (100.0%)	250 (100.0%)	2,766 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	994.4 (955.2)	804.0 (724.8)	1,009.9 (968.8)	1,017.0 (1100.9)	915.8 (856.2)	1,026.1 (1117.3)	-0.022
Characteristics							
Mean age (years)	8.0 (1.7)	8.1 (1.5)	8.0 (1.8)	8.0 (1.7)	8.3 (1.6)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.9%)	82 (2.7%)	4 (1.5%)	78 (2.8%)	0
3-4	105 (3.5%)	5 (2.2%)	100 (3.6%)	105 (3.5%)	8 (3.3%)	97 (3.5%)	0
5-6	391 (13.0%)	38 (16.7%)	353 (12.7%)	390 (12.9%)	25 (10.1%)	365 (13.2%)	0.001
7-8	1,566 (51.9%)	118 (51.8%)	1,448 (51.9%)	1,566 (51.9%)	125 (50.0%)	1,441 (52.1%)	0
9-10	872 (28.9%)	67 (29.4%)	805 (28.9%)	873 (28.9%)	88 (35.2%)	785 (28.4%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.3%)	7 (0.2%)	1 (0.3%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	4 (1.8%)	115 (4.1%)	70 (2.3%)	5 (1.8%)	66 (2.4%)	0.102
Black or African American	170 (5.6%)	10 (4.4%)	160 (5.7%)	111 (3.7%)	9 (3.4%)	103 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	3 (1.3%)	19 (0.7%)	17 (0.6%)	2 (0.8%)	15 (0.5%)	0.026
Unknown	2,371 (78.6%)	173 (75.9%)	2,198 (78.8%)	2,417 (80.1%)	180 (72.3%)	2,236 (80.8%)	-0.049
White	327 (10.8%)	38 (16.7%)	289 (10.4%)	393 (13.0%)	53 (21.3%)	340 (12.3%)	-0.077
Anti-epileptic drugs	13 (0.4%)	0 (0.0%)	13 (0.5%)	3 (0.1%)	0 (0.1%)	3 (0.1%)	0.062
Anticoagulants	8 (0.3%)	2 (0.9%)	6 (0.2%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.066
Antidepressants	35 (1.2%)	2 (0.9%)	33 (1.2%)	18 (0.6%)	2 (0.7%)	17 (0.6%)	0.059
Beta blockers	1 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.006
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	29 (1.0%)	6 (2.6%)	23 (0.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.138
Corticosteroids	183 (6.1%)	16 (7.0%)	167 (6.0%)	154 (5.1%)	18 (7.1%)	136 (4.9%)	0.042
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	180 (6.0%)	12 (5.3%)	168 (6.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	29 (1.0%)	4 (1.8%)	25 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Medroxyprogesterone	4 (0.1%)	0 (0.0%)	4 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.048
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	10 (0.3%)	2 (0.9%)	8 (0.3%)	8 (0.3%)	1 (0.6%)	7 (0.2%)	0.012
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	21 (0.7%)	2 (0.9%)	19 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	10 (0.3%)	2 (0.9%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	65.1%	79.1%	63.9%	0.3%	0.0%	0.3%	1.93
Precocious Puberty	24.5%	13.1%	25.5%	0.1%	0.0%	0.1%	0.808
Routine Infant Or Child Health Check	19.4%	25.1%	18.9%	4.0%	4.6%	3.9%	0.497

Table 8c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	10.8%	10.5%	10.8%	5.3%	7.0%	5.1%	0.207
Acute Pharyngitis	9.3%	15.7%	8.8%	8.6%	14.1%	8.1%	0.025
Encounter Rtn Child Health Exam W/O Abnorml Find	7.1%	3.7%	7.4%	1.1%	0.4%	1.2%	0.307
Encounter For Immunization	6.5%	2.6%	6.8%	3.0%	1.3%	3.1%	0.166
Acute Uris Of Unspecified Site	6.2%	9.9%	5.9%	5.9%	8.7%	5.7%	0.011
Other Hyperfunction Of Pituitary Gland	6.2%	3.1%	6.4%	0.0%	0.0%	0.0%	-
Other Unknown & unspec Cause Morbidity/Mortality	5.9%	5.8%	5.9%	4.9%	5.6%	4.8%	0.048
Cough	4.4%	4.2%	4.4%	2.7%	3.8%	2.7%	0.087
Streptococcal Sore Throat	3.4%	5.2%	3.3%	3.0%	4.8%	2.9%	0.022
Unspecified Otitis Media	3.3%	2.6%	3.3%	2.9%	4.1%	2.8%	0.022
Acute Sinusitis, Unspecified	3.2%	7.3%	2.8%	1.6%	3.0%	1.5%	0.102
Fever Unspecified	3.1%	5.8%	2.9%	1.5%	1.9%	1.5%	0.105
Acute Pharyngitis Unspecified	3.0%	3.7%	3.0%	2.4%	1.3%	2.5%	0.038
Other Disorders Of Puberty	3.0%	0.5%	3.2%	0.0%	0.0%	0.0%	0.249
Allergic Rhinitis Cause Unspecified	3.0%	4.7%	2.8%	2.2%	2.6%	2.2%	0.048
Short Stature	3.0%	3.7%	2.9%	0.1%	0.1%	0.1%	0.232
Dietary Counseling And Surveillance	2.6%	1.0%	2.7%	0.3%	0.0%	0.3%	0.205
Add Of Childhood With Hyperactivity	2.2%	3.1%	2.1%	1.3%	1.7%	1.3%	0.071
Examination Of Eyes And Vision	2.2%	3.1%	2.1%	1.8%	2.5%	1.7%	0.029

Table 8c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Dietary Surveillance And Counseling	2.1%	3.1%	2.1%	0.5%	0.7%	0.4%	0.161
Obesity, Unspecified	2.1%	3.7%	2.0%	0.3%	0.4%	0.3%	0.171
Other Adrenocortical Overactivity	2.1%	2.1%	2.1%	0.0%	0.0%	0.0%	0.202
Unspecified Viral Infection In Cce & Uns Site	2.0%	2.1%	2.0%	2.1%	3.2%	2.0%	-0.008
Headache	2.0%	3.7%	1.9%	1.0%	1.4%	0.9%	0.085
Abdominal Pain, Unspecified Site	2.0%	2.1%	2.0%	1.5%	2.3%	1.5%	0.034
Exercise Counseling	1.9%	2.6%	1.9%	0.3%	0.4%	0.3%	0.167
Acute Upper Respiratory Infection Unspecified	1.9%	1.6%	1.9%	1.4%	0.7%	1.4%	0.043
Asthma, Unspecified, Unspecified Status	1.7%	0.5%	1.8%	0.9%	1.2%	0.9%	0.069
Encounter Rtn Child Health Exam W/Abnormal Find	1.6%	0.5%	1.7%	0.2%	0.0%	0.2%	0.152
Myopia	1.5%	2.6%	1.4%	1.3%	1.5%	1.3%	0.017
Streptococcal Pharyngitis	1.5%	2.1%	1.5%	1.2%	0.7%	1.2%	0.029
Other Specified Counseling	1.5%	2.1%	1.5%	0.3%	0.6%	0.3%	0.135
Other Specified Counseling	1.5%	1.0%	1.5%	0.2%	0.0%	0.2%	0.156
Abnormal Weight Gain	1.5%	2.6%	1.4%	0.1%	0.2%	0.1%	0.157
Urinary Tract Infection Site Not Specified	1.5%	5.8%	1.1%	1.0%	2.1%	0.9%	0.044
Unspecified Constipation	1.3%	2.6%	1.2%	0.6%	0.6%	0.6%	0.075
Contact Dermatitis & other Eczema Due Unspec Cause	1.3%	3.1%	1.1%	0.9%	1.3%	0.9%	0.037
Pain In Soft Tissues Of Limb	1.3%	3.7%	1.1%	0.6%	2.2%	0.5%	0.067

Table 8c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Lack Normal Physiological Development Unspec	1.3%	1.6%	1.2%	0.0%	0.0%	0.0%	0.151
Unspecified Hypothyroidism	1.2%	1.0%	1.2%	0.1%	0.0%	0.1%	0.146
Hypermetropia	1.1%	2.1%	1.0%	1.0%	1.3%	1.0%	0.012
Cough	1.0%	1.6%	1.0%	0.9%	0.5%	0.9%	0.018
Acute Suppurative Otitis Media W/O Spontaneous Rupture of Eardrum	1.0%	1.6%	1.0%	0.8%	1.2%	0.8%	0.022
Short Stature Child	1.0%	0.0%	1.1%	0.1%	0.0%	0.1%	0.134
Body Mass Index Bmi Pediatric 5th % <85th % Age	1.0%	0.5%	1.0%	0.1%	0.0%	0.2%	0.114
Add Childhood Without Mention of Hyperactivity	0.9%	0.5%	1.0%	0.3%	0.1%	0.4%	0.075
Need Prophylactic Vaccination and Inoculation Against Viral Hepatitis	0.9%	0.5%	0.9%	0.3%	0.3%	0.3%	0.073
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	8.7%	4.7%	9.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.2%	10.5%	5.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	4.4%	4.7%	4.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.7%	1.6%	3.9%	0.0%	0.0%	0.0%	-
Amoxicillin	3.6%	5.2%	3.5%	3.2%	3.3%	3.2%	0.025
Leuprolide Acetate	3.5%	4.7%	3.5%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	3.1%	4.2%	3.0%	0.0%	0.1%	0.0%	0.247
Leuprolide Acetate	2.9%	2.6%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	4.2%	2.6%	0.0%	0.0%	0.0%	-
Histrelin Acetate	2.6%	3.1%	2.6%	0.0%	0.0%	0.0%	0.233
Leuprolide Acetate	2.6%	6.3%	2.3%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	1.6%	1.6%	1.6%	1.2%	1.7%	1.2%	0.03
Amoxicillin	1.5%	1.6%	1.4%	1.6%	1.7%	1.6%	-0.014

Table 8c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	1.3%	0.5%	1.4%	0.7%	0.6%	0.7%	0.057
Amoxicillin	1.2%	0.5%	1.2%	0.7%	0.5%	0.7%	0.045
Azithromycin	1.1%	0.5%	1.2%	0.8%	0.9%	0.8%	0.03
Azithromycin	0.7%	2.1%	0.6%	0.4%	0.5%	0.4%	0.044
Azithromycin	0.6%	0.5%	0.7%	0.2%	0.1%	0.2%	0.066
Lidocaine/Prilocaine	0.6%	0.0%	0.7%	0.0%	0.0%	0.0%	0.106
Ciprofloxacin	0.6%	0.5%	0.6%	0.3%	0.4%	0.3%	0.046
Hcl/Dexamethasone							

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 8d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.7)	1,726.0 (.)	1,118.0 (1171.6)	-0.04
	Characteristics						
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	8.9 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (0.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (50.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (50.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (50.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (50.0%)	393 (13.0%)	-0.077
Anti-epileptic drugs	13 (0.4%)	0 (0.0%)	13 (0.4%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.062
Anticoagulants	8 (0.3%)	0 (0.0%)	8 (0.3%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.066
Antidepressants	35 (1.2%)	0 (0.0%)	35 (1.2%)	18 (0.6%)	0 (0.0%)	18 (0.6%)	0.059
Beta blockers	1 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.006
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.138
Corticosteroids	183 (6.1%)	0 (0.0%)	183 (6.1%)	154 (5.1%)	0 (0.0%)	154 (5.1%)	0.042
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	180 (6.0%)	0 (0.0%)	180 (6.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Medroxyprogesterone	4 (0.1%)	0 (0.0%)	4 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.048
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	10 (0.3%)	0 (0.0%)	10 (0.3%)	8 (0.3%)	0 (0.0%)	8 (0.3%)	0.012
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	21 (0.7%)	0 (0.0%)	21 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	10 (0.3%)	0 (0.0%)	10 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	65.1%	0.0%	65.1%	0.3%	0.0%	0.3%	1.93
Precocious Puberty	24.5%	0.0%	24.5%	0.1%	0.0%	0.1%	0.808
Routine Infant Or Child Health Check	19.4%	0.0%	19.4%	4.0%	0.0%	4.0%	0.497

Table 8d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	10.8%	0.0%	10.8%	5.3%	0.0%	5.3%	0.207
Acute Pharyngitis	9.3%	0.0%	9.3%	8.6%	50.0%	8.6%	0.025
Encounter Rtn Child Health Exam W/O Abnorml Find	7.1%	0.0%	7.1%	1.1%	0.0%	1.1%	0.307
Encounter For Immunization	6.5%	0.0%	6.5%	3.0%	0.0%	3.0%	0.166
Acute Uris Of Unspecified Site	6.2%	0.0%	6.2%	5.9%	0.0%	5.9%	0.011
Other Hyperfunction Of Pituitary Gland	6.2%	0.0%	6.2%	0.0%	0.0%	0.0%	-
Other Unknown & unspec Cause Morbidity/Mortality	5.9%	0.0%	5.9%	4.9%	0.0%	4.9%	0.048
Cough	4.4%	0.0%	4.4%	2.7%	0.0%	2.8%	0.087
Streptococcal Sore Throat	3.4%	0.0%	3.4%	3.0%	0.0%	3.0%	0.022
Unspecified Otitis Media	3.3%	0.0%	3.3%	2.9%	0.0%	2.9%	0.022
Acute Sinusitis, Unspecified	3.2%	0.0%	3.2%	1.6%	0.0%	1.6%	0.102
Fever Unspecified	3.1%	0.0%	3.1%	1.5%	0.0%	1.5%	0.105
Acute Pharyngitis Unspecified	3.0%	0.0%	3.0%	2.4%	0.0%	2.4%	0.038
Other Disorders Of Puberty	3.0%	0.0%	3.0%	0.0%	0.0%	0.0%	0.249
Allergic Rhinitis Cause Unspecified	3.0%	0.0%	3.0%	2.2%	0.0%	2.2%	0.048
Short Stature	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.232
Dietary Counseling And Surveillance	2.6%	0.0%	2.6%	0.3%	0.0%	0.3%	0.205
Add Of Childhood With Hyperactivity	2.2%	0.0%	2.2%	1.3%	0.0%	1.3%	0.071
Examination Of Eyes And Vision	2.2%	0.0%	2.2%	1.8%	0.0%	1.8%	0.029

Table 8d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Dietary Surveillance And Counseling	2.1%	0.0%	2.1%	0.5%	0.0%	0.5%	0.161
Obesity, Unspecified	2.1%	0.0%	2.1%	0.3%	0.0%	0.3%	0.171
Other Adrenocortical Overactivity	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.202
Unspecified Viral Infection In Cce & Uns Site	2.0%	0.0%	2.0%	2.1%	0.0%	2.1%	-0.008
Headache	2.0%	0.0%	2.0%	1.0%	0.0%	1.0%	0.085
Abdominal Pain, Unspecified Site	2.0%	0.0%	2.0%	1.5%	0.0%	1.5%	0.034
Exercise Counseling	1.9%	0.0%	1.9%	0.3%	0.0%	0.3%	0.167
Acute Upper Respiratory Infection Unspecified	1.9%	0.0%	1.9%	1.4%	0.0%	1.4%	0.043
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.7%	0.9%	0.0%	0.9%	0.069
Encounter Rtn Child Health Exam W/Abnormal Find	1.6%	0.0%	1.6%	0.2%	0.0%	0.2%	0.152
Myopia	1.5%	0.0%	1.5%	1.3%	0.0%	1.3%	0.017
Streptococcal Pharyngitis	1.5%	0.0%	1.5%	1.2%	0.0%	1.2%	0.029
Other Specified Counseling	1.5%	0.0%	1.5%	0.3%	0.0%	0.3%	0.135
Other Specified Counseling	1.5%	0.0%	1.5%	0.2%	0.0%	0.2%	0.156
Abnormal Weight Gain	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.157
Urinary Tract Infection Site Not Specified	1.5%	0.0%	1.5%	1.0%	0.0%	1.0%	0.044
Unspecified Constipation	1.3%	0.0%	1.3%	0.6%	0.0%	0.6%	0.075
Contact Dermatitis & other Eczema Due Unspec Cause	1.3%	0.0%	1.3%	0.9%	0.0%	0.9%	0.037
Pain In Soft Tissues Of Limb	1.3%	0.0%	1.3%	0.6%	0.0%	0.6%	0.067

Table 8d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Lack Normal Physiological Development Unspec	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	0.151
Unspecified Hypothyroidism	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.146
Hypermetropia	1.1%	0.0%	1.1%	1.0%	0.0%	1.0%	0.012
Cough	1.0%	0.0%	1.0%	0.9%	0.0%	0.9%	0.018
Acute Suppurative Otitis Media W/O Spontaneous Rupture of Eardrum	1.0%	0.0%	1.0%	0.8%	0.0%	0.8%	0.022
Short Stature Child	1.0%	0.0%	1.0%	0.1%	0.0%	0.1%	0.134
Body Mass Index Bmi Pediatric 5th % <85th % Age	1.0%	0.0%	1.0%	0.1%	0.0%	0.1%	0.114
Add Childhood Without Mention of Hyperactivity	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.075
Need Prophylactic Vaccination and Inoculation Against Viral Hepatitis	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.073
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	8.7%	0.0%	8.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.2%	0.0%	6.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	4.4%	0.0%	4.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.7%	0.0%	3.7%	0.0%	0.0%	0.0%	-
Amoxicillin	3.6%	0.0%	3.6%	3.2%	0.0%	3.2%	0.025
Leuprolide Acetate	3.5%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	3.1%	0.0%	3.1%	0.0%	0.0%	0.0%	0.247
Leuprolide Acetate	2.9%	0.0%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Histrelin Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	0.233
Leuprolide Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	1.6%	0.0%	1.6%	1.2%	0.0%	1.2%	0.03
Amoxicillin	1.5%	0.0%	1.5%	1.6%	0.0%	1.6%	-0.014

Table 8d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	1.3%	0.0%	1.3%	0.7%	0.0%	0.7%	0.057
Amoxicillin	1.2%	0.0%	1.2%	0.7%	0.0%	0.7%	0.045
Azithromycin	1.1%	0.0%	1.1%	0.8%	0.0%	0.8%	0.03
Azithromycin	0.7%	0.0%	0.7%	0.4%	0.0%	0.4%	0.044
Azithromycin	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.066
Lidocaine/Prilocaine	0.6%	0.0%	0.6%	0.0%	0.0%	0.0%	0.106
Ciprofloxacin	0.6%	0.0%	0.6%	0.3%	0.0%	0.3%	0.046
Hcl/Dexamethasone							

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 8e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.6)	3,557.0 (.)	1,118.0 (1171.6)	-0.04
Characteristics							
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	4.6 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (100.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (0.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (100.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (0.0%)	393 (13.0%)	-0.077
Anti-epileptic drugs	13 (0.4%)	0 (0.0%)	13 (0.4%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.062
Anticoagulants	8 (0.3%)	0 (0.0%)	8 (0.3%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.066
Antidepressants	35 (1.2%)	0 (0.0%)	35 (1.2%)	18 (0.6%)	0 (0.0%)	18 (0.6%)	0.059
Beta blockers	1 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.006
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.138
Corticosteroids	183 (6.1%)	0 (0.0%)	183 (6.1%)	154 (5.1%)	0 (0.0%)	154 (5.1%)	0.042
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	180 (6.0%)	0 (0.0%)	180 (6.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Medroxyprogesterone	4 (0.1%)	0 (0.0%)	4 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.048
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	10 (0.3%)	0 (0.0%)	10 (0.3%)	8 (0.3%)	0 (0.0%)	8 (0.3%)	0.012
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	21 (0.7%)	0 (0.0%)	21 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	10 (0.3%)	0 (0.0%)	10 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	5 (0.2%)	0 (0.0%)	5 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	65.1%	0.0%	65.1%	0.3%	0.0%	0.3%	1.93
Precocious Puberty	24.5%	0.0%	24.5%	0.1%	0.0%	0.1%	0.808
Routine Infant Or Child Health Check	19.4%	0.0%	19.4%	4.0%	100.0%	4.0%	0.497

Table 8e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	10.8%	0.0%	10.8%	5.3%	0.0%	5.3%	0.207
Acute Pharyngitis	9.3%	0.0%	9.3%	8.6%	100.0%	8.6%	0.025
Encounter Rtn Child Health Exam W/O Abnorml Find	7.1%	0.0%	7.1%	1.1%	0.0%	1.1%	0.307
Encounter For Immunization	6.5%	0.0%	6.5%	3.0%	0.0%	3.0%	0.166
Acute Uris Of Unspecified Site	6.2%	0.0%	6.2%	5.9%	100.0%	5.9%	0.011
Other Hyperfunction Of Pituitary Gland	6.2%	0.0%	6.2%	0.0%	0.0%	0.0%	-
Other Unknown & unspec Cause Morbidity/Mortality	5.9%	0.0%	5.9%	4.9%	0.0%	4.9%	0.048
Cough	4.4%	0.0%	4.4%	2.7%	0.0%	2.8%	0.087
Streptococcal Sore Throat	3.4%	0.0%	3.4%	3.0%	100.0%	3.0%	0.022
Unspecified Otitis Media	3.3%	0.0%	3.3%	2.9%	0.0%	2.9%	0.022
Acute Sinusitis, Unspecified	3.2%	0.0%	3.2%	1.6%	0.0%	1.6%	0.102
Fever Unspecified	3.1%	0.0%	3.1%	1.5%	0.0%	1.5%	0.105
Acute Pharyngitis Unspecified	3.0%	0.0%	3.0%	2.4%	0.0%	2.4%	0.038
Other Disorders Of Puberty	3.0%	0.0%	3.0%	0.0%	0.0%	0.0%	0.249
Allergic Rhinitis Cause Unspecified	3.0%	0.0%	3.0%	2.2%	0.0%	2.2%	0.048
Short Stature	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.232
Dietary Counseling And Surveillance	2.6%	0.0%	2.6%	0.3%	0.0%	0.3%	0.205
Add Of Childhood With Hyperactivity	2.2%	0.0%	2.2%	1.3%	0.0%	1.3%	0.071
Examination Of Eyes And Vision	2.2%	0.0%	2.2%	1.8%	0.0%	1.8%	0.029

Table 8e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Dietary Surveillance And Counseling	2.1%	0.0%	2.1%	0.5%	0.0%	0.5%	0.161
Obesity, Unspecified	2.1%	0.0%	2.1%	0.3%	0.0%	0.3%	0.171
Other Adrenocortical Overactivity	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.202
Unspecified Viral Infection In Cce & Uns Site	2.0%	0.0%	2.0%	2.1%	0.0%	2.1%	-0.008
Headache	2.0%	0.0%	2.0%	1.0%	0.0%	1.0%	0.085
Abdominal Pain, Unspecified Site	2.0%	0.0%	2.0%	1.5%	0.0%	1.5%	0.034
Exercise Counseling	1.9%	0.0%	1.9%	0.3%	0.0%	0.3%	0.167
Acute Upper Respiratory Infection Unspecified	1.9%	0.0%	1.9%	1.4%	0.0%	1.4%	0.043
Asthma, Unspecified, Unspecified Status	1.7%	0.0%	1.7%	0.9%	0.0%	0.9%	0.069
Encounter Rtn Child Health Exam W/Abnormal Find	1.6%	0.0%	1.6%	0.2%	0.0%	0.2%	0.152
Myopia	1.5%	0.0%	1.5%	1.3%	0.0%	1.3%	0.017
Streptococcal Pharyngitis	1.5%	0.0%	1.5%	1.2%	0.0%	1.2%	0.029
Other Specified Counseling	1.5%	0.0%	1.5%	0.3%	0.0%	0.3%	0.135
Other Specified Counseling	1.5%	0.0%	1.5%	0.2%	0.0%	0.2%	0.156
Abnormal Weight Gain	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.157
Urinary Tract Infection Site Not Specified	1.5%	0.0%	1.5%	1.0%	0.0%	1.0%	0.044
Unspecified Constipation	1.3%	0.0%	1.3%	0.6%	0.0%	0.6%	0.075
Contact Dermatitis&other Eczema Due Unspec Cause	1.3%	0.0%	1.3%	0.9%	0.0%	0.9%	0.037
Pain In Soft Tissues Of Limb	1.3%	0.0%	1.3%	0.6%	0.0%	0.6%	0.067

Table 8e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Lack Normal Physiological Development Unspec	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	0.151
Unspecified Hypothyroidism	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.146
Hypermetropia	1.1%	0.0%	1.1%	1.0%	100.0%	1.0%	0.012
Cough	1.0%	0.0%	1.0%	0.9%	0.0%	0.9%	0.018
Acute Suppurative Otitis Media W/O Spontaneous Rupture of Eardrum	1.0%	0.0%	1.0%	0.8%	0.0%	0.8%	0.022
Short Stature Child	1.0%	0.0%	1.0%	0.1%	0.0%	0.1%	0.134
Body Mass Index Bmi Pediatric 5th % <85th % Age	1.0%	0.0%	1.0%	0.1%	0.0%	0.1%	0.114
Add Childhood Without Mention of Hyperactivity	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.075
Need Prophylactic Vaccination and Inoculation Against Viral Hepatitis	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.073
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	8.7%	0.0%	8.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.2%	0.0%	6.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	4.4%	0.0%	4.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.7%	0.0%	3.7%	0.0%	0.0%	0.0%	-
Amoxicillin	3.6%	0.0%	3.6%	3.2%	0.0%	3.2%	0.025
Leuprolide Acetate	3.5%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	3.1%	0.0%	3.1%	0.0%	0.0%	0.0%	0.247
Leuprolide Acetate	2.9%	0.0%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Histrelin Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	0.233
Leuprolide Acetate	2.6%	0.0%	2.6%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	1.6%	0.0%	1.6%	1.2%	0.0%	1.2%	0.03
Amoxicillin	1.5%	0.0%	1.5%	1.6%	100.0%	1.6%	-0.014

Table 8e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	1.3%	0.0%	1.3%	0.7%	0.0%	0.7%	0.057
Amoxicillin	1.2%	0.0%	1.2%	0.7%	0.0%	0.7%	0.045
Azithromycin	1.1%	0.0%	1.1%	0.8%	0.0%	0.8%	0.03
Azithromycin	0.7%	0.0%	0.7%	0.4%	0.0%	0.4%	0.044
Azithromycin	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.066
Lidocaine/Prilocaine	0.6%	0.0%	0.6%	0.0%	0.0%	0.0%	0.106
Ciprofloxacin	0.6%	0.0%	0.6%	0.3%	0.0%	0.3%	0.046
Hcl/Dexamethasone							

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 9a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	68 (100.0%)	2,948 (100.0%)	3,016 (100.0%)	88 (100.0%)	2,928 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.5 (992.7)	704.1 (613.1)	1,057.5 (998.5)	1,081.0 (1150.5)	728.2 (692.8)	1,091.7 (1158.8)	-0.029
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.1 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.8%)	82 (2.7%)	2 (1.9%)	80 (2.7%)	0
3-4	105 (3.5%)	1 (1.5%)	104 (3.5%)	105 (3.5%)	4 (4.6%)	101 (3.4%)	0
5-6	391 (13.0%)	14 (20.6%)	377 (12.8%)	390 (12.9%)	9 (10.6%)	381 (13.0%)	0.001
7-8	1,566 (51.9%)	40 (58.8%)	1,526 (51.8%)	1,566 (51.9%)	45 (51.0%)	1,521 (51.9%)	0
9-10	872 (28.9%)	13 (19.1%)	859 (29.1%)	873 (28.9%)	28 (31.8%)	845 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.2%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	1 (1.5%)	118 (4.0%)	70 (2.3%)	1 (1.2%)	69 (2.4%)	0.102
Black or African American	170 (5.6%)	2 (2.9%)	168 (5.7%)	111 (3.7%)	2 (2.4%)	109 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	1 (1.5%)	21 (0.7%)	17 (0.6%)	1 (0.6%)	16 (0.6%)	0.026
Unknown	2,371 (78.6%)	53 (77.9%)	2,318 (78.6%)	2,417 (80.1%)	65 (73.8%)	2,352 (80.3%)	-0.049
White	327 (10.8%)	11 (16.2%)	316 (10.7%)	393 (13.0%)	19 (21.7%)	374 (12.8%)	-0.077
Anti-epileptic drugs	36 (1.2%)	2 (2.9%)	34 (1.2%)	10 (0.3%)	1 (0.6%)	10 (0.3%)	0.099
Anticoagulants	13 (0.4%)	0 (0.0%)	13 (0.4%)	2 (0.0%)	0 (0.0%)	2 (0.1%)	0.078
Antidepressants	65 (2.2%)	0 (0.0%)	65 (2.2%)	37 (1.2%)	2 (1.7%)	36 (1.2%)	0.071
Beta blockers	7 (0.2%)	0 (0.0%)	7 (0.2%)	3 (0.1%)	0 (0.3%)	3 (0.1%)	0.034
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	54 (1.8%)	3 (4.4%)	51 (1.7%)	2 (0.1%)	0 (0.2%)	2 (0.1%)	0.18
Corticosteroids	459 (15.2%)	15 (22.1%)	444 (15.1%)	366 (12.1%)	17 (19.0%)	349 (11.9%)	0.09
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	281 (9.3%)	5 (7.4%)	276 (9.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.455
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	42 (1.4%)	3 (4.4%)	39 (1.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.036
Medroxyprogesterone	12 (0.4%)	0 (0.0%)	12 (0.4%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.08
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	25 (0.8%)	1 (1.5%)	24 (0.8%)	23 (0.8%)	1 (1.2%)	22 (0.8%)	0.007
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.019
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.7%	75.4%	66.5%	0.7%	0.1%	0.7%	1.969
Routine Infant Or Child Health Check	43.7%	52.6%	43.5%	33.7%	49.8%	33.2%	0.209
Precocious Puberty	34.0%	31.6%	34.1%	0.2%	0.1%	0.2%	1.024

Table 9a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	24.8%	29.8%	24.7%	15.8%	22.6%	15.6%	0.23
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	19.3%	20.8%	11.1%	7.8%	11.2%	0.274
Acute Pharyngitis	20.3%	24.6%	20.2%	20.8%	33.4%	20.4%	-0.012
Encounter For Immunization	18.9%	10.5%	19.1%	10.4%	8.2%	10.5%	0.242
Acute Uris Of Unspecified Site	14.4%	17.5%	14.4%	14.4%	25.5%	14.1%	0
Cough	10.0%	10.5%	10.0%	8.0%	12.3%	7.8%	0.073
Other Hyperfunction Of Pituitary Gland	9.7%	10.5%	9.7%	0.0%	0.0%	0.0%	0.467
Other Unknown&unspec Cause Morbidity/Mortality	9.5%	10.5%	9.5%	7.5%	10.1%	7.4%	0.086
Acute Pharyngitis Unspecified	9.1%	8.8%	9.1%	6.2%	5.6%	6.2%	0.11
Streptococcal Sore Throat	9.0%	15.8%	8.8%	8.6%	12.8%	8.4%	0.014
Allergic Rhinitis Cause Unspecified	7.5%	5.3%	7.5%	5.6%	8.9%	5.5%	0.077
Fever Unspecified	7.4%	10.5%	7.3%	4.8%	7.0%	4.7%	0.108
Unspecified Otitis Media	7.3%	10.5%	7.2%	6.7%	11.1%	6.6%	0.022
Dietary Counseling And Surveillance	6.9%	5.3%	6.9%	2.4%	1.9%	2.4%	0.237
Acute Sinusitis, Unspecified	6.5%	7.0%	6.5%	4.8%	9.1%	4.6%	0.076
Unspecified Viral Infection In Cce & Uns Site	6.4%	5.3%	6.4%	6.3%	10.4%	6.2%	0.003
Examination Of Eyes And Vision	6.0%	7.0%	5.9%	5.5%	6.7%	5.4%	0.022
Acute Upper Respiratory Infection Unspecified	5.9%	0.0%	6.0%	3.9%	2.6%	3.9%	0.094
Short Stature	5.5%	7.0%	5.5%	0.3%	0.3%	0.3%	0.315

Table 9a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Headache	5.5%	15.8%	5.2%	3.2%	4.5%	3.2%	0.113
Abdominal Pain, Unspecified Site	5.3%	7.0%	5.3%	4.6%	6.3%	4.5%	0.034
Myopia	4.6%	1.8%	4.6%	3.9%	4.5%	3.8%	0.035
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	4.5%	7.0%	4.4%	3.0%	4.9%	2.9%	0.081
Encounter Rtn Child Health Exam W/Abnormal Find	4.5%	1.8%	4.5%	1.6%	1.6%	1.6%	0.166
Urinary Tract Infection Site Not Specified	4.4%	7.0%	4.3%	3.3%	5.7%	3.2%	0.057
Dietary Surveillance And Counseling	4.4%	3.5%	4.4%	2.6%	3.8%	2.6%	0.113
Other Specified Counseling	4.4%	5.3%	4.3%	0.8%	0.1%	0.8%	0.287
Other Disorders Of Puberty	4.3%	0.0%	4.4%	0.0%	0.0%	0.0%	0.297
Asthma, Unspecified, Unspecified Status	4.3%	5.3%	4.3%	2.8%	4.0%	2.8%	0.078
Fever Unspecified	4.3%	5.3%	4.3%	2.8%	2.7%	2.8%	0.08
Obesity, Unspecified	4.2%	5.3%	4.2%	1.0%	1.6%	1.0%	0.207
Cough	4.1%	5.3%	4.0%	2.8%	3.1%	2.8%	0.071
Streptococcal Pharyngitis	4.0%	1.8%	4.1%	3.3%	3.0%	3.3%	0.041
Add Of Childhood With Hyperactivity	4.0%	7.0%	4.0%	2.4%	3.0%	2.4%	0.093
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	4.0%	5.3%	4.0%	3.3%	5.3%	3.2%	0.039
Contact Dermatitis & other Eczema Due Unspec Cause	4.0%	12.3%	3.8%	3.6%	4.8%	3.5%	0.02
Exercise Counseling	4.0%	3.5%	4.0%	1.8%	2.7%	1.8%	0.147
Abnormal Weight Gain	3.7%	0.0%	3.8%	0.5%	1.1%	0.4%	0.23

Table 9a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	3.5%	5.3%	3.5%	2.6%	4.2%	2.5%	0.056
Other Acne	3.4%	1.8%	3.4%	0.7%	1.6%	0.7%	0.187
Unspecified Constipation	3.3%	0.0%	3.4%	1.5%	1.5%	1.5%	0.119
Hypermetropia	3.2%	1.8%	3.3%	2.6%	3.4%	2.5%	0.041
Other Adrenocortical Overactivity	3.2%	1.8%	3.3%	0.1%	0.0%	0.1%	0.252
Need Proph Vacc&inoculat Against Viral Hep	2.9%	0.0%	3.0%	2.3%	3.0%	2.3%	0.04
Encounter Exam Eyes & Vision W/O Abnormal Find	2.9%	0.0%	3.0%	0.8%	0.1%	0.9%	0.165
Pain In Soft Tissues Of Limb	2.7%	14.0%	2.4%	1.9%	6.8%	1.7%	0.057
Unspecified Otagia	2.6%	7.0%	2.5%	1.6%	3.1%	1.6%	0.069
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.5%	8.8%	10.6%	0.0%	0.0%	0.0%	-
Amoxicillin	8.4%	14.0%	8.3%	7.1%	8.7%	7.1%	0.049
Leuprolide Acetate	7.2%	14.0%	7.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.8%	10.5%	6.7%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	4.6%	7.0%	4.5%	0.1%	0.3%	0.1%	0.302
Histrelin Acetate	4.1%	3.5%	4.1%	0.0%	0.0%	0.0%	0.294
Azithromycin	4.0%	3.5%	4.0%	2.2%	3.3%	2.2%	0.101
Leuprolide Acetate	4.0%	5.3%	3.9%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.9%	8.8%	3.8%	3.1%	4.5%	3.0%	0.046
Leuprolide Acetate	3.9%	7.0%	3.8%	0.0%	0.0%	0.0%	-
Amoxicillin	3.8%	1.8%	3.9%	2.2%	3.1%	2.2%	0.095
Leuprolide Acetate	3.5%	7.0%	3.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	3.5%	3.3%	0.0%	0.0%	0.0%	-
Ciprofloxacin	3.2%	5.3%	3.1%	1.8%	4.0%	1.7%	0.089
Hcl/Dexamethasone							

Table 9a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	3.1%	8.8%	3.0%	3.7%	6.0%	3.6%	-0.03
Amoxicillin	3.1%	0.0%	3.2%	2.4%	2.3%	2.4%	0.045
Azithromycin	3.0%	1.8%	3.1%	2.1%	2.7%	2.1%	0.058
Leuprolide Acetate	2.7%	10.5%	2.5%	0.0%	0.0%	0.0%	-
Cephalexin	1.7%	1.8%	1.7%	1.4%	2.5%	1.4%	0.022
Albuterol Sulfate	1.5%	0.0%	1.5%	0.6%	0.3%	0.6%	0.088

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 9b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,007 (100.0%)	68 (100.0%)	2,939 (100.0%)	3,007 (100.0%)	85 (100.0%)	2,922 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.6 (992.6)	704.1 (613.1)	1,057.6 (998.5)	1,085.3 (1026.9)	670.8 (610.8)	1,097.3 (1033.0)	-0.035
	Characteristics						
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	81 (2.7%)	0 (0.0%)	81 (2.8%)	84 (2.8%)	2 (2.4%)	81 (2.8%)	-0.005
3-4	104 (3.5%)	1 (1.5%)	103 (3.5%)	101 (3.4%)	4 (4.4%)	97 (3.3%)	0.006
5-6	387 (12.9%)	14 (20.6%)	373 (12.7%)	391 (13.0%)	11 (13.4%)	380 (13.0%)	-0.004
7-8	1,564 (52.0%)	40 (58.8%)	1,524 (51.9%)	1,558 (51.8%)	45 (53.2%)	1,513 (51.8%)	0.004
9-10	871 (29.0%)	13 (19.1%)	858 (29.2%)	874 (29.1%)	23 (26.7%)	851 (29.1%)	-0.002
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	9 (0.3%)	0 (0.1%)	9 (0.3%)	-0.015
Asian	117 (3.9%)	1 (1.5%)	116 (3.9%)	65 (2.2%)	2 (2.7%)	63 (2.2%)	0.11
Black or African American	169 (5.6%)	2 (2.9%)	167 (5.7%)	184 (6.1%)	3 (3.7%)	181 (6.2%)	-0.024
Native Hawaiian or Other Pacific Islander	21 (0.7%)	1 (1.5%)	20 (0.7%)	17 (0.6%)	0 (0.4%)	17 (0.6%)	0.02
Unknown	2,370 (78.8%)	53 (77.9%)	2,317 (78.8%)	2,347 (78.0%)	62 (73.5%)	2,284 (78.2%)	0.025
White	323 (10.7%)	11 (16.2%)	312 (10.6%)	384 (12.8%)	17 (19.7%)	367 (12.6%)	-0.071
Anti-epileptic drugs	36 (1.2%)	2 (2.9%)	34 (1.2%)	20 (0.7%)	1 (0.7%)	20 (0.7%)	0.054
Anticoagulants	13 (0.4%)	0 (0.0%)	13 (0.4%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.069
Antidepressants	65 (2.2%)	0 (0.0%)	65 (2.2%)	58 (1.9%)	3 (3.8%)	54 (1.9%)	0.017
Beta blockers	7 (0.2%)	0 (0.0%)	7 (0.2%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.032
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	53 (1.8%)	3 (4.4%)	50 (1.7%)	6 (0.2%)	0 (0.4%)	5 (0.2%)	0.16
Corticosteroids	458 (15.2%)	15 (22.1%)	443 (15.1%)	438 (14.6%)	19 (22.1%)	419 (14.4%)	0.019
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	278 (9.2%)	5 (7.4%)	273 (9.3%)	18 (0.6%)	1 (0.7%)	18 (0.6%)	0.409
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	42 (1.4%)	3 (4.4%)	39 (1.3%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.165
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.036
Medroxyprogesterone	12 (0.4%)	0 (0.0%)	12 (0.4%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.059
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	25 (0.8%)	1 (1.5%)	24 (0.8%)	27 (0.9%)	1 (1.3%)	26 (0.9%)	-0.008
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	28 (0.9%)	0 (0.0%)	28 (1.0%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.124
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.101
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.022
Short-acting leuprolide acetate	5 (0.2%)	0 (0.0%)	5 (0.2%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.03
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.072
Statins	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.016
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.8%	75.4%	66.6%	21.0%	27.6%	20.8%	1.046
Routine Infant Or Child Health Check	43.6%	52.6%	43.4%	46.4%	63.2%	46.0%	-0.057
Precocious Puberty	34.0%	31.6%	34.1%	6.0%	4.9%	6.0%	0.759

Table 9b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	24.7%	29.8%	24.6%	23.3%	30.2%	23.1%	0.034
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	19.3%	20.8%	17.9%	13.6%	18.1%	0.073
Acute Pharyngitis	20.4%	24.6%	20.3%	22.7%	37.2%	22.3%	-0.058
Encounter For Immunization	18.9%	10.5%	19.1%	15.4%	10.0%	15.5%	0.095
Acute Uris Of Unspecified Site	14.5%	17.5%	14.4%	15.2%	25.0%	14.9%	-0.021
Cough	10.1%	10.5%	10.1%	10.2%	17.7%	10.0%	-0.004
Other Hyperfunction Of Pituitary Gland	9.6%	10.5%	9.6%	0.4%	0.3%	0.4%	0.439
Other Unknown&unspec Cause Morbidity/Mortality	9.6%	10.5%	9.6%	8.4%	8.7%	8.4%	0.051
Streptococcal Sore Throat	9.0%	15.8%	8.8%	9.3%	14.1%	9.1%	-0.01
Acute Pharyngitis Unspecified	9.0%	8.8%	9.0%	8.2%	6.9%	8.3%	0.026
Allergic Rhinitis Cause Unspecified	7.5%	5.3%	7.5%	7.1%	11.3%	6.9%	0.016
Fever Unspecified	7.4%	10.5%	7.3%	6.9%	11.6%	6.8%	0.018
Unspecified Otitis Media	7.3%	10.5%	7.2%	7.4%	14.6%	7.2%	-0.004
Dietary Counseling And Surveillance	6.8%	5.3%	6.8%	4.6%	2.9%	4.7%	0.103
Acute Sinusitis, Unspecified	6.6%	7.0%	6.5%	5.8%	12.5%	5.6%	0.032
Unspecified Viral Infection In Cce & Uns Site	6.4%	5.3%	6.5%	7.0%	9.7%	6.9%	-0.022
Acute Upper Respiratory Infection Unspecified	6.0%	0.0%	6.1%	5.2%	4.2%	5.2%	0.036
Examination Of Eyes And Vision	5.9%	7.0%	5.9%	6.1%	10.6%	6.0%	-0.01

Table 9b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Short Stature	5.5%	7.0%	5.5%	1.6%	2.4%	1.6%	0.214
Headache	5.5%	15.8%	5.3%	4.5%	9.2%	4.3%	0.047
Abdominal Pain, Unspecified Site	5.3%	7.0%	5.3%	5.7%	10.9%	5.5%	-0.014
Myopia	4.6%	1.8%	4.6%	4.1%	5.9%	4.0%	0.024
Encounter Rtn Child Health Exam W/Abnormal Find	4.5%	1.8%	4.6%	3.8%	2.8%	3.8%	0.035
Dietary Surveillance And Counseling	4.4%	3.5%	4.4%	4.9%	5.1%	4.9%	-0.033
Urinary Tract Infection Site Not Specified	4.4%	7.0%	4.3%	3.6%	6.2%	3.5%	0.041
Other Specified Counseling	4.4%	5.3%	4.3%	2.0%	1.4%	2.0%	0.167
Other Disorders Of Puberty	4.3%	0.0%	4.4%	1.5%	0.7%	1.6%	0.166
Fever Unspecified	4.3%	5.3%	4.3%	4.1%	3.0%	4.1%	0.01
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	4.3%	5.3%	4.3%	3.8%	4.1%	3.8%	0.023
Asthma, Unspecified, Unspecified Status	4.3%	5.3%	4.3%	3.2%	5.3%	3.2%	0.056
Obesity, Unspecified	4.2%	5.3%	4.1%	2.3%	2.9%	2.3%	0.107
Cough	4.1%	5.3%	4.1%	3.7%	2.7%	3.7%	0.02
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	4.0%	5.3%	4.0%	3.6%	6.0%	3.5%	0.024
Add Of Childhood With Hyperactivity	4.0%	7.0%	3.9%	3.0%	5.3%	2.9%	0.055
Streptococcal Pharyngitis	3.9%	1.8%	4.0%	3.8%	2.0%	3.9%	0.004
Exercise Counseling	3.9%	3.5%	3.9%	3.8%	3.8%	3.8%	0.008
Contact Dermatitis & other Eczema Due Unspec Cause	3.8%	12.3%	3.6%	4.5%	5.6%	4.5%	-0.032

Table 9b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Abnormal Weight Gain	3.7%	0.0%	3.8%	1.6%	2.6%	1.6%	0.131
Acute Bronchitis	3.5%	5.3%	3.5%	2.6%	5.1%	2.5%	0.053
Other Acne	3.4%	1.8%	3.4%	2.6%	5.3%	2.5%	0.05
Unspecified Constipation	3.3%	0.0%	3.4%	2.7%	5.1%	2.6%	0.038
Other Adrenocortical Overactivity	3.2%	1.8%	3.3%	2.3%	3.1%	2.3%	0.058
Hypermetropia	3.2%	1.8%	3.2%	3.0%	4.1%	3.0%	0.011
Encounter Exam Eyes & Vision W/O Abnormal Find	2.9%	0.0%	3.0%	1.8%	1.3%	1.8%	0.082
Need Proph Vacc&inoculat Against Viral Hep	2.9%	0.0%	2.9%	2.6%	3.2%	2.6%	0.016
Unspecified Otagia	2.8%	7.0%	2.7%	2.2%	4.9%	2.1%	0.037
Pain In Soft Tissues Of Limb	2.7%	14.0%	2.4%	2.5%	8.8%	2.3%	0.016
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.6%	8.8%	10.6%	0.0%	0.0%	0.0%	-
Amoxicillin	8.5%	14.0%	8.3%	8.7%	13.0%	8.5%	-0.007
Leuprolide Acetate	7.2%	14.0%	7.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.8%	10.5%	6.7%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	4.5%	7.0%	4.5%	0.2%	0.7%	0.2%	0.287
Histrelin Acetate	4.1%	3.5%	4.1%	0.3%	0.4%	0.3%	0.267
Azithromycin	4.0%	3.5%	4.0%	3.5%	4.8%	3.4%	0.027
Leuprolide Acetate	4.0%	5.3%	3.9%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.9%	8.8%	3.8%	4.0%	4.0%	4.0%	-0.005
Leuprolide Acetate	3.9%	7.0%	3.9%	0.0%	0.0%	0.0%	-
Amoxicillin	3.8%	1.8%	3.8%	3.1%	4.2%	3.0%	0.038
Leuprolide Acetate	3.5%	7.0%	3.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	3.5%	3.3%	0.0%	0.0%	0.0%	-
Amoxicillin	3.2%	8.8%	3.1%	3.4%	6.3%	3.3%	-0.01

Table 9b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Ciprofloxacin	3.2%	5.3%	3.1%	2.5%	4.4%	2.4%	0.044
Hcl/Dexamethasone							
Amoxicillin	3.0%	0.0%	3.1%	3.4%	4.3%	3.3%	-0.019
Azithromycin	2.9%	1.8%	2.9%	2.7%	5.0%	2.6%	0.013
Leuprolide Acetate	2.7%	10.5%	2.5%	0.0%	0.0%	0.0%	-
Cephalexin	1.8%	1.8%	1.8%	1.4%	1.0%	1.4%	0.035
Albuterol Sulfate	1.5%	0.0%	1.5%	1.0%	1.5%	1.0%	0.044

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 9c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	228 (100.0%)	2,788 (100.0%)	3,016 (100.0%)	250 (100.0%)	2,766 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	994.4 (955.2)	804.0 (724.8)	1,009.9 (968.8)	1,017.0 (1100.9)	915.8 (856.2)	1,026.1 (1117.3)	-0.022
Characteristics							
Mean age (years)	8.0 (1.7)	8.1 (1.5)	8.0 (1.8)	8.0 (1.7)	8.3 (1.6)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.9%)	82 (2.7%)	4 (1.5%)	78 (2.8%)	0
3-4	105 (3.5%)	5 (2.2%)	100 (3.6%)	105 (3.5%)	8 (3.3%)	97 (3.5%)	0
5-6	391 (13.0%)	38 (16.7%)	353 (12.7%)	390 (12.9%)	25 (10.1%)	365 (13.2%)	0.001
7-8	1,566 (51.9%)	118 (51.8%)	1,448 (51.9%)	1,566 (51.9%)	125 (50.0%)	1,441 (52.1%)	0
9-10	872 (28.9%)	67 (29.4%)	805 (28.9%)	873 (28.9%)	88 (35.2%)	785 (28.4%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.3%)	7 (0.2%)	1 (0.3%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	4 (1.8%)	115 (4.1%)	70 (2.3%)	5 (1.8%)	66 (2.4%)	0.102
Black or African American	170 (5.6%)	10 (4.4%)	160 (5.7%)	111 (3.7%)	9 (3.4%)	103 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	3 (1.3%)	19 (0.7%)	17 (0.6%)	2 (0.8%)	15 (0.5%)	0.026
Unknown	2,371 (78.6%)	173 (75.9%)	2,198 (78.8%)	2,417 (80.1%)	180 (72.3%)	2,236 (80.8%)	-0.049
White	327 (10.8%)	38 (16.7%)	289 (10.4%)	393 (13.0%)	53 (21.3%)	340 (12.3%)	-0.077
Anti-epileptic drugs	36 (1.2%)	5 (2.2%)	31 (1.1%)	10 (0.3%)	1 (0.6%)	9 (0.3%)	0.099
Anticoagulants	13 (0.4%)	2 (0.9%)	11 (0.4%)	2 (0.0%)	0 (0.0%)	2 (0.1%)	0.078
Antidepressants	65 (2.2%)	6 (2.6%)	59 (2.1%)	37 (1.2%)	5 (1.8%)	33 (1.2%)	0.071
Beta blockers	7 (0.2%)	0 (0.0%)	7 (0.3%)	3 (0.1%)	0 (0.1%)	3 (0.1%)	0.034
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	54 (1.8%)	7 (3.1%)	47 (1.7%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.18
Corticosteroids	459 (15.2%)	54 (23.7%)	405 (14.5%)	366 (12.1%)	49 (19.8%)	317 (11.4%)	0.09
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	281 (9.3%)	19 (8.3%)	262 (9.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.455
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	42 (1.4%)	5 (2.2%)	37 (1.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.036
Medroxyprogesterone	12 (0.4%)	0 (0.0%)	12 (0.4%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.08
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	25 (0.8%)	2 (0.9%)	23 (0.8%)	23 (0.8%)	4 (1.5%)	19 (0.7%)	0.007
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	2 (0.9%)	27 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	2 (0.9%)	12 (0.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.019
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.7%	81.2%	65.5%	0.7%	0.2%	0.7%	1.969
Routine Infant Or Child Health Check	43.7%	60.7%	42.2%	33.7%	51.7%	32.0%	0.209
Precocious Puberty	34.0%	25.7%	34.7%	0.2%	0.0%	0.2%	1.024

Table 9c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination&inoculation Flu	24.8%	31.4%	24.2%	15.8%	22.3%	15.2%	0.23
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	17.8%	21.1%	11.1%	7.8%	11.4%	0.274
Acute Pharyngitis	20.3%	34.0%	19.1%	20.8%	36.1%	19.4%	-0.012
Encounter For Immunization	18.9%	15.7%	19.1%	10.4%	7.7%	10.7%	0.242
Acute Uris Of Unspecified Site	14.4%	24.6%	13.6%	14.4%	24.5%	13.5%	0
Cough	10.0%	15.2%	9.6%	8.0%	12.5%	7.5%	0.073
Other Hyperfunction Of Pituitary Gland	9.7%	6.8%	9.9%	0.0%	0.0%	0.0%	0.467
Other Unknown&unspec Cause Morbidity/Mortality	9.5%	8.4%	9.6%	7.5%	8.4%	7.4%	0.086
Acute Pharyngitis Unspecified	9.1%	11.0%	8.9%	6.2%	4.6%	6.3%	0.11
Streptococcal Sore Throat	9.0%	14.7%	8.5%	8.6%	14.0%	8.1%	0.014
Allergic Rhinitis Cause Unspecified	7.5%	10.5%	7.2%	5.6%	8.7%	5.3%	0.077
Fever Unspecified	7.4%	9.9%	7.2%	4.8%	7.0%	4.6%	0.108
Unspecified Otitis Media	7.3%	11.0%	7.0%	6.7%	10.9%	6.4%	0.022
Dietary Counseling And Surveillance	6.9%	4.7%	7.1%	2.4%	1.7%	2.5%	0.237
Acute Sinusitis, Unspecified	6.5%	13.6%	5.9%	4.8%	9.1%	4.4%	0.076
Unspecified Viral Infection In Cce & Uns Site	6.4%	10.5%	6.1%	6.3%	10.4%	6.0%	0.003
Examination Of Eyes And Vision	6.0%	7.9%	5.8%	5.5%	7.8%	5.2%	0.022
Acute Upper Respiratory Infection Unspecified	5.9%	4.2%	6.0%	3.9%	2.6%	4.0%	0.094
Short Stature	5.5%	6.8%	5.4%	0.3%	0.4%	0.3%	0.315

Table 9c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Headache	5.5%	13.1%	4.8%	3.2%	5.6%	3.0%	0.113
Abdominal Pain, Unspecified Site	5.3%	8.4%	5.1%	4.6%	8.4%	4.3%	0.034
Myopia	4.6%	6.3%	4.4%	3.9%	6.1%	3.7%	0.035
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	4.5%	7.9%	4.2%	3.0%	5.5%	2.7%	0.081
Encounter Rtn Child Health Exam W/Abnormal Find	4.5%	2.1%	4.7%	1.6%	1.2%	1.7%	0.166
Urinary Tract Infection Site Not Specified	4.4%	11.0%	3.8%	3.3%	6.1%	3.1%	0.057
Dietary Surveillance And Counseling	4.4%	7.3%	4.1%	2.6%	4.0%	2.5%	0.113
Other Specified Counseling	4.4%	3.7%	4.4%	0.8%	0.4%	0.8%	0.287
Other Disorders Of Puberty	4.3%	2.6%	4.5%	0.0%	0.0%	0.0%	0.297
Asthma, Unspecified, Unspecified Status	4.3%	6.8%	4.1%	2.8%	4.9%	2.7%	0.078
Fever Unspecified	4.3%	4.7%	4.2%	2.8%	2.2%	2.9%	0.08
Obesity, Unspecified	4.2%	7.3%	4.0%	1.0%	1.6%	0.9%	0.207
Cough	4.1%	4.2%	4.1%	2.8%	2.2%	2.8%	0.071
Streptococcal Pharyngitis	4.0%	4.2%	4.0%	3.3%	2.6%	3.3%	0.041
Add Of Childhood With Hyperactivity	4.0%	6.8%	3.8%	2.4%	3.1%	2.3%	0.093
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	4.0%	7.3%	3.7%	3.3%	5.2%	3.1%	0.039
Contact Dermatitis&other Eczema Due Unspec Cause	4.0%	8.9%	3.5%	3.6%	6.7%	3.3%	0.02
Exercise Counseling	4.0%	5.8%	3.8%	1.8%	2.6%	1.8%	0.147
Abnormal Weight Gain	3.7%	4.7%	3.6%	0.5%	0.9%	0.4%	0.23

Table 9c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	3.5%	6.8%	3.2%	2.6%	4.3%	2.4%	0.056
Other Acne	3.4%	4.7%	3.3%	0.7%	1.2%	0.7%	0.187
Unspecified Constipation	3.3%	6.3%	3.1%	1.5%	1.9%	1.5%	0.119
Hypermetropia	3.2%	5.8%	3.0%	2.6%	3.8%	2.4%	0.041
Other Adrenocortical Overactivity	3.2%	3.1%	3.2%	0.1%	0.0%	0.1%	0.252
Need Proph Vacc & inoculat Against Viral Hep	2.9%	3.7%	2.8%	2.3%	3.5%	2.2%	0.04
Encounter Exam Eyes & Vision W/O Abnormal Find	2.9%	1.6%	3.0%	0.8%	0.7%	0.8%	0.165
Pain In Soft Tissues Of Limb	2.7%	8.9%	2.2%	1.9%	7.9%	1.3%	0.057
Unspecified Otagia	2.6%	7.9%	2.2%	1.6%	3.0%	1.5%	0.069
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.5%	5.2%	11.0%	0.0%	0.0%	0.0%	-
Amoxicillin	8.4%	9.4%	8.3%	7.1%	9.1%	6.9%	0.049
Leuprolide Acetate	7.2%	12.6%	6.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.8%	11.5%	6.4%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	4.6%	6.8%	4.4%	0.1%	0.2%	0.1%	0.302
Histrelin Acetate	4.1%	4.7%	4.1%	0.0%	0.0%	0.0%	0.294
Azithromycin	4.0%	3.7%	4.0%	2.2%	2.9%	2.2%	0.101
Leuprolide Acetate	4.0%	1.6%	4.2%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.9%	4.2%	3.9%	3.1%	4.5%	2.9%	0.046
Leuprolide Acetate	3.9%	4.7%	3.8%	0.0%	0.0%	0.0%	-
Amoxicillin	3.8%	3.7%	3.8%	2.2%	2.8%	2.2%	0.095
Leuprolide Acetate	3.5%	6.8%	3.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	3.7%	3.2%	0.0%	0.0%	0.0%	-
Ciprofloxacin	3.2%	7.9%	2.8%	1.8%	3.3%	1.7%	0.089
Hcl/Dexamethasone							

Table 9c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	3.1%	3.7%	3.1%	3.7%	5.2%	3.6%	-0.03
Amoxicillin	3.1%	1.0%	3.3%	2.4%	2.3%	2.4%	0.045
Azithromycin	3.0%	8.4%	2.6%	2.1%	2.9%	2.0%	0.058
Leuprolide Acetate	2.7%	4.2%	2.5%	0.0%	0.0%	0.0%	-
Cephalexin	1.7%	1.6%	1.7%	1.4%	2.2%	1.4%	0.022
Albuterol Sulfate	1.5%	1.6%	1.5%	0.6%	0.9%	0.6%	0.088

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 9d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.7)	1,726.0 (.)	1,118.0 (1171.6)	-0.04
	Characteristics						
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	8.9 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (0.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (50.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (50.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (50.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (50.0%)	393 (13.0%)	-0.077
Anti-epileptic drugs	36 (1.2%)	0 (0.0%)	36 (1.2%)	10 (0.3%)	0 (0.0%)	10 (0.3%)	0.099
Anticoagulants	13 (0.4%)	0 (0.0%)	13 (0.4%)	2 (0.0%)	0 (0.0%)	2 (0.0%)	0.078
Antidepressants	65 (2.2%)	0 (0.0%)	65 (2.2%)	37 (1.2%)	0 (0.0%)	37 (1.2%)	0.071
Beta blockers	7 (0.2%)	0 (0.0%)	7 (0.2%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.034
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	54 (1.8%)	0 (0.0%)	54 (1.8%)	2 (0.1%)	0 (0.0%)	2 (0.1%)	0.18
Corticosteroids	459 (15.2%)	0 (0.0%)	459 (15.2%)	366 (12.1%)	0 (0.0%)	366 (12.1%)	0.09
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	281 (9.3%)	0 (0.0%)	281 (9.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.455
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	42 (1.4%)	0 (0.0%)	42 (1.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.036
Medroxyprogesterone	12 (0.4%)	0 (0.0%)	12 (0.4%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.08
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	25 (0.8%)	0 (0.0%)	25 (0.8%)	23 (0.8%)	0 (0.0%)	23 (0.8%)	0.007
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.019
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.7%	0.0%	66.7%	0.7%	0.0%	0.7%	1.969
Routine Infant Or Child Health Check	43.7%	0.0%	43.7%	33.7%	50.0%	33.7%	0.209
Precocious Puberty	34.0%	0.0%	34.0%	0.2%	0.0%	0.2%	1.024

Table 9d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination & inoculation Flu	24.8%	0.0%	24.8%	15.8%	0.0%	15.8%	0.23
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	0.0%	20.8%	11.1%	0.0%	11.1%	0.274
Acute Pharyngitis	20.3%	0.0%	20.3%	20.8%	50.0%	20.8%	-0.012
Encounter For Immunization	18.9%	0.0%	18.9%	10.4%	0.0%	10.4%	0.242
Acute Uris Of Unspecified Site	14.4%	0.0%	14.4%	14.4%	0.0%	14.4%	0
Cough	10.0%	0.0%	10.0%	8.0%	0.0%	8.0%	0.073
Other Hyperfunction Of Pituitary Gland	9.7%	0.0%	9.7%	0.0%	0.0%	0.0%	0.467
Other Unknown&unspec Cause Morbidity/Mortality	9.5%	0.0%	9.5%	7.5%	0.0%	7.5%	0.086
Acute Pharyngitis Unspecified	9.1%	0.0%	9.1%	6.2%	0.0%	6.2%	0.11
Streptococcal Sore Throat	9.0%	0.0%	9.0%	8.6%	0.0%	8.6%	0.014
Allergic Rhinitis Cause Unspecified	7.5%	0.0%	7.5%	5.6%	0.0%	5.6%	0.077
Fever Unspecified	7.4%	0.0%	7.4%	4.8%	0.0%	4.8%	0.108
Unspecified Otitis Media	7.3%	0.0%	7.3%	6.7%	0.0%	6.7%	0.022
Dietary Counseling And Surveillance	6.9%	0.0%	6.9%	2.4%	0.0%	2.4%	0.237
Acute Sinusitis, Unspecified	6.5%	0.0%	6.5%	4.8%	0.0%	4.8%	0.076
Unspecified Viral Infection In Cce & Uns Site	6.4%	0.0%	6.4%	6.3%	0.0%	6.3%	0.003
Examination Of Eyes And Vision	6.0%	0.0%	6.0%	5.5%	0.0%	5.5%	0.022
Acute Upper Respiratory Infection Unspecified	5.9%	0.0%	5.9%	3.9%	0.0%	3.9%	0.094
Short Stature	5.5%	0.0%	5.5%	0.3%	0.0%	0.3%	0.315

Table 9d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Headache	5.5%	0.0%	5.5%	3.2%	0.0%	3.2%	0.113
Abdominal Pain, Unspecified Site	5.3%	0.0%	5.3%	4.6%	0.0%	4.6%	0.034
Myopia	4.6%	0.0%	4.6%	3.9%	0.0%	3.9%	0.035
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	4.5%	0.0%	4.5%	3.0%	0.0%	3.0%	0.081
Encounter Rtn Child Health Exam W/Abnormal Find	4.5%	0.0%	4.5%	1.6%	0.0%	1.6%	0.166
Urinary Tract Infection Site Not Specified	4.4%	0.0%	4.4%	3.3%	0.0%	3.3%	0.057
Dietary Surveillance And Counseling	4.4%	0.0%	4.4%	2.6%	0.0%	2.6%	0.113
Other Specified Counseling	4.4%	0.0%	4.4%	0.8%	0.0%	0.8%	0.287
Other Disorders Of Puberty	4.3%	0.0%	4.3%	0.0%	0.0%	0.0%	0.297
Asthma, Unspecified, Unspecified Status	4.3%	0.0%	4.3%	2.8%	0.0%	2.8%	0.078
Fever Unspecified	4.3%	0.0%	4.3%	2.8%	0.0%	2.8%	0.08
Obesity, Unspecified	4.2%	0.0%	4.2%	1.0%	50.0%	1.0%	0.207
Cough	4.1%	0.0%	4.1%	2.8%	0.0%	2.8%	0.071
Streptococcal Pharyngitis	4.0%	0.0%	4.0%	3.3%	0.0%	3.3%	0.041
Add Of Childhood With Hyperactivity	4.0%	0.0%	4.0%	2.4%	0.0%	2.4%	0.093
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	4.0%	0.0%	4.0%	3.3%	0.0%	3.3%	0.039
Contact Dermatitis & other Eczema Due Unspec Cause	4.0%	0.0%	4.0%	3.6%	0.0%	3.6%	0.02
Exercise Counseling	4.0%	0.0%	4.0%	1.8%	0.0%	1.8%	0.147
Abnormal Weight Gain	3.7%	0.0%	3.7%	0.5%	0.0%	0.5%	0.23

Table 9d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	3.5%	0.0%	3.5%	2.6%	0.0%	2.6%	0.056
Other Acne	3.4%	0.0%	3.4%	0.7%	0.0%	0.7%	0.187
Unspecified Constipation	3.3%	0.0%	3.3%	1.5%	0.0%	1.5%	0.119
Hypermetropia	3.2%	0.0%	3.2%	2.6%	0.0%	2.6%	0.041
Other Adrenocortical Overactivity	3.2%	0.0%	3.2%	0.1%	0.0%	0.1%	0.252
Need Proph Vacc&inoculat Against Viral Hep	2.9%	0.0%	2.9%	2.3%	0.0%	2.3%	0.04
Encounter Exam Eyes & Vision W/O Abnormal Find	2.9%	0.0%	2.9%	0.8%	0.0%	0.8%	0.165
Pain In Soft Tissues Of Limb	2.7%	0.0%	2.7%	1.9%	0.0%	1.9%	0.057
Unspecified Otagia	2.6%	0.0%	2.6%	1.6%	0.0%	1.6%	0.069
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.5%	0.0%	10.5%	0.0%	0.0%	0.0%	-
Amoxicillin	8.4%	0.0%	8.4%	7.1%	0.0%	7.1%	0.049
Leuprolide Acetate	7.2%	0.0%	7.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.8%	0.0%	6.8%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	4.6%	0.0%	4.6%	0.1%	0.0%	0.1%	0.302
Histrelin Acetate	4.1%	0.0%	4.1%	0.0%	0.0%	0.0%	0.294
Azithromycin	4.0%	0.0%	4.0%	2.2%	0.0%	2.2%	0.101
Leuprolide Acetate	4.0%	0.0%	4.0%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.9%	0.0%	3.9%	3.1%	0.0%	3.1%	0.046
Leuprolide Acetate	3.9%	0.0%	3.9%	0.0%	0.0%	0.0%	-
Amoxicillin	3.8%	0.0%	3.8%	2.2%	0.0%	2.2%	0.095
Leuprolide Acetate	3.5%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Ciprofloxacin	3.2%	0.0%	3.2%	1.8%	0.0%	1.8%	0.089
Hcl/Dexamethasone							

Table 9d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	3.1%	0.0%	3.1%	3.7%	0.0%	3.7%	-0.03
Amoxicillin	3.1%	0.0%	3.1%	2.4%	0.0%	2.4%	0.045
Azithromycin	3.0%	0.0%	3.0%	2.1%	0.0%	2.1%	0.058
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Cephalexin	1.7%	0.0%	1.7%	1.4%	0.0%	1.4%	0.022
Albuterol Sulfate	1.5%	0.0%	1.5%	0.6%	0.0%	0.6%	0.088

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 9e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.6)	3,557.0 (.)	1,118.0 (1171.6)	-0.04
	Characteristics						
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	4.6 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (100.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (0.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (100.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (0.0%)	393 (13.0%)	-0.077
Anti-epileptic drugs	36 (1.2%)	0 (0.0%)	36 (1.2%)	10 (0.3%)	0 (0.0%)	10 (0.3%)	0.099
Anticoagulants	13 (0.4%)	0 (0.0%)	13 (0.4%)	2 (0.0%)	0 (0.0%)	2 (0.0%)	0.078
Antidepressants	65 (2.2%)	0 (0.0%)	65 (2.2%)	37 (1.2%)	0 (0.0%)	37 (1.2%)	0.071
Beta blockers	7 (0.2%)	0 (0.0%)	7 (0.2%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.034
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	54 (1.8%)	0 (0.0%)	54 (1.8%)	2 (0.1%)	0 (0.0%)	2 (0.1%)	0.18
Corticosteroids	459 (15.2%)	0 (0.0%)	459 (15.2%)	366 (12.1%)	0 (0.0%)	366 (12.1%)	0.09
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	281 (9.3%)	0 (0.0%)	281 (9.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.455
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	42 (1.4%)	0 (0.0%)	42 (1.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	3 (0.1%)	0 (0.0%)	3 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.036
Medroxyprogesterone	12 (0.4%)	0 (0.0%)	12 (0.4%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.08
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	25 (0.8%)	0 (0.0%)	25 (0.8%)	23 (0.8%)	0 (0.0%)	23 (0.8%)	0.007
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	1 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.019
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.7%	0.0%	66.7%	0.7%	0.0%	0.7%	1.969
Routine Infant Or Child Health Check	43.7%	0.0%	43.7%	33.7%	100.0%	33.7%	0.209
Precocious Puberty	34.0%	0.0%	34.0%	0.2%	0.0%	0.2%	1.024

Table 9e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Need Prophylactic Vaccination&inoculation Flu	24.8%	0.0%	24.8%	15.8%	0.0%	15.8%	0.23
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	0.0%	20.8%	11.1%	0.0%	11.1%	0.274
Acute Pharyngitis	20.3%	0.0%	20.3%	20.8%	100.0%	20.8%	-0.012
Encounter For Immunization	18.9%	0.0%	18.9%	10.4%	0.0%	10.4%	0.242
Acute Uris Of Unspecified Site	14.4%	0.0%	14.4%	14.4%	100.0%	14.4%	0
Cough	10.0%	0.0%	10.0%	8.0%	0.0%	8.0%	0.073
Other Hyperfunction Of Pituitary Gland	9.7%	0.0%	9.7%	0.0%	0.0%	0.0%	0.467
Other Unknown&unspec Cause Morbidity/Mortality	9.5%	0.0%	9.5%	7.5%	0.0%	7.5%	0.086
Acute Pharyngitis Unspecified	9.1%	0.0%	9.1%	6.2%	0.0%	6.2%	0.11
Streptococcal Sore Throat	9.0%	0.0%	9.0%	8.6%	100.0%	8.6%	0.014
Allergic Rhinitis Cause Unspecified	7.5%	0.0%	7.5%	5.6%	0.0%	5.6%	0.077
Fever Unspecified	7.4%	0.0%	7.4%	4.8%	0.0%	4.8%	0.108
Unspecified Otitis Media	7.3%	0.0%	7.3%	6.7%	100.0%	6.7%	0.022
Dietary Counseling And Surveillance	6.9%	0.0%	6.9%	2.4%	0.0%	2.4%	0.237
Acute Sinusitis, Unspecified	6.5%	0.0%	6.5%	4.8%	0.0%	4.8%	0.076
Unspecified Viral Infection In Cce & Uns Site	6.4%	0.0%	6.4%	6.3%	0.0%	6.3%	0.003
Examination Of Eyes And Vision	6.0%	0.0%	6.0%	5.5%	0.0%	5.5%	0.022
Acute Upper Respiratory Infection Unspecified	5.9%	0.0%	5.9%	3.9%	0.0%	3.9%	0.094
Short Stature	5.5%	0.0%	5.5%	0.3%	0.0%	0.3%	0.315

Table 9e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Headache	5.5%	0.0%	5.5%	3.2%	0.0%	3.2%	0.113
Abdominal Pain, Unspecified Site	5.3%	0.0%	5.3%	4.6%	0.0%	4.6%	0.034
Myopia	4.6%	0.0%	4.6%	3.9%	0.0%	3.9%	0.035
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	4.5%	0.0%	4.5%	3.0%	0.0%	3.0%	0.081
Encounter Rtn Child Health Exam W/Abnormal Find	4.5%	0.0%	4.5%	1.6%	0.0%	1.6%	0.166
Urinary Tract Infection Site Not Specified	4.4%	0.0%	4.4%	3.3%	0.0%	3.3%	0.057
Dietary Surveillance And Counseling	4.4%	0.0%	4.4%	2.6%	0.0%	2.6%	0.113
Other Specified Counseling	4.4%	0.0%	4.4%	0.8%	0.0%	0.8%	0.287
Other Disorders Of Puberty	4.3%	0.0%	4.3%	0.0%	0.0%	0.0%	0.297
Asthma, Unspecified, Unspecified Status	4.3%	0.0%	4.3%	2.8%	100.0%	2.8%	0.078
Fever Unspecified	4.3%	0.0%	4.3%	2.8%	0.0%	2.8%	0.08
Obesity, Unspecified	4.2%	0.0%	4.2%	1.0%	100.0%	1.0%	0.207
Cough	4.1%	0.0%	4.1%	2.8%	0.0%	2.8%	0.071
Streptococcal Pharyngitis	4.0%	0.0%	4.0%	3.3%	0.0%	3.3%	0.041
Add Of Childhood With Hyperactivity	4.0%	0.0%	4.0%	2.4%	0.0%	2.4%	0.093
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	4.0%	0.0%	4.0%	3.3%	0.0%	3.3%	0.039
Contact Dermatitis&other Eczema Due Unspec Cause	4.0%	0.0%	4.0%	3.6%	0.0%	3.6%	0.02
Exercise Counseling	4.0%	0.0%	4.0%	1.8%	0.0%	1.8%	0.147
Abnormal Weight Gain	3.7%	0.0%	3.7%	0.5%	0.0%	0.5%	0.23

Table 9e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	3.5%	0.0%	3.5%	2.6%	0.0%	2.6%	0.056
Other Acne	3.4%	0.0%	3.4%	0.7%	0.0%	0.7%	0.187
Unspecified Constipation	3.3%	0.0%	3.3%	1.5%	0.0%	1.5%	0.119
Hypermetropia	3.2%	0.0%	3.2%	2.6%	100.0%	2.6%	0.041
Other Adrenocortical Overactivity	3.2%	0.0%	3.2%	0.1%	0.0%	0.1%	0.252
Need Proph Vacc&inoculat Against Viral Hep	2.9%	0.0%	2.9%	2.3%	0.0%	2.3%	0.04
Encounter Exam Eyes & Vision W/O Abnormal Find	2.9%	0.0%	2.9%	0.8%	0.0%	0.8%	0.165
Pain In Soft Tissues Of Limb	2.7%	0.0%	2.7%	1.9%	0.0%	1.9%	0.057
Unspecified Otagia	2.6%	0.0%	2.6%	1.6%	100.0%	1.6%	0.069
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.5%	0.0%	10.5%	0.0%	0.0%	0.0%	-
Amoxicillin	8.4%	0.0%	8.4%	7.1%	0.0%	7.1%	0.049
Leuprolide Acetate	7.2%	0.0%	7.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.8%	0.0%	6.8%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	4.6%	0.0%	4.6%	0.1%	0.0%	0.1%	0.302
Histrelin Acetate	4.1%	0.0%	4.1%	0.0%	0.0%	0.0%	0.294
Azithromycin	4.0%	0.0%	4.0%	2.2%	0.0%	2.2%	0.101
Leuprolide Acetate	4.0%	0.0%	4.0%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.9%	0.0%	3.9%	3.1%	0.0%	3.1%	0.046
Leuprolide Acetate	3.9%	0.0%	3.9%	0.0%	0.0%	0.0%	-
Amoxicillin	3.8%	0.0%	3.8%	2.2%	0.0%	2.2%	0.095
Leuprolide Acetate	3.5%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Ciprofloxacin	3.2%	0.0%	3.2%	1.8%	0.0%	1.8%	0.089
Hcl/Dexamethasone							

Table 9e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	3.1%	0.0%	3.1%	3.7%	100.0%	3.7%	-0.03
Amoxicillin	3.1%	0.0%	3.1%	2.4%	0.0%	2.4%	0.045
Azithromycin	3.0%	0.0%	3.0%	2.1%	0.0%	2.1%	0.058
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Cephalexin	1.7%	0.0%	1.7%	1.4%	100.0%	1.4%	0.022
Albuterol Sulfate	1.5%	0.0%	1.5%	0.6%	0.0%	0.6%	0.088

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 10a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	68 (100.0%)	2,948 (100.0%)	3,016 (100.0%)	88 (100.0%)	2,928 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.5 (992.7)	704.1 (613.1)	1,057.5 (998.5)	1,081.0 (1150.5)	728.2 (692.8)	1,091.7 (1158.8)	-0.029
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.1 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.8%)	82 (2.7%)	2 (1.9%)	80 (2.7%)	0
3-4	105 (3.5%)	1 (1.5%)	104 (3.5%)	105 (3.5%)	4 (4.6%)	101 (3.4%)	0
5-6	391 (13.0%)	14 (20.6%)	377 (12.8%)	390 (12.9%)	9 (10.6%)	381 (13.0%)	0.001
7-8	1,566 (51.9%)	40 (58.8%)	1,526 (51.8%)	1,566 (51.9%)	45 (51.0%)	1,521 (51.9%)	0
9-10	872 (28.9%)	13 (19.1%)	859 (29.1%)	873 (28.9%)	28 (31.8%)	845 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.2%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	1 (1.5%)	118 (4.0%)	70 (2.3%)	1 (1.2%)	69 (2.4%)	0.102
Black or African American	170 (5.6%)	2 (2.9%)	168 (5.7%)	111 (3.7%)	2 (2.4%)	109 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	1 (1.5%)	21 (0.7%)	17 (0.6%)	1 (0.6%)	16 (0.6%)	0.026
Unknown	2,371 (78.6%)	53 (77.9%)	2,318 (78.6%)	2,417 (80.1%)	65 (73.8%)	2,352 (80.3%)	-0.049
White	327 (10.8%)	11 (16.2%)	316 (10.7%)	393 (13.0%)	19 (21.7%)	374 (12.8%)	-0.077
Anti-epileptic drugs	81 (2.7%)	2 (2.9%)	79 (2.7%)	40 (1.3%)	3 (3.2%)	38 (1.3%)	0.097
Anticoagulants	17 (0.6%)	0 (0.0%)	17 (0.6%)	4 (0.1%)	0 (0.2%)	4 (0.1%)	0.075
Antidepressants	181 (6.0%)	5 (7.4%)	176 (6.0%)	127 (4.2%)	8 (8.5%)	119 (4.1%)	0.083
Beta blockers	26 (0.9%)	0 (0.0%)	26 (0.9%)	17 (0.6%)	1 (1.5%)	15 (0.5%)	0.037
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	80 (2.7%)	4 (5.9%)	76 (2.6%)	25 (0.8%)	1 (1.2%)	24 (0.8%)	0.142
Corticosteroids	669 (22.2%)	26 (38.2%)	643 (21.8%)	576 (19.1%)	31 (35.2%)	545 (18.6%)	0.077
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	293 (9.7%)	6 (8.8%)	287 (9.7%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0.467
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	47 (1.6%)	3 (4.4%)	44 (1.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	4 (0.1%)	0 (0.0%)	4 (0.1%)	2 (0.1%)	0 (0.0%)	2 (0.1%)	0.02
Medroxyprogesterone	56 (1.9%)	2 (2.9%)	54 (1.8%)	44 (1.4%)	2 (1.8%)	42 (1.4%)	0.033
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	69 (2.3%)	2 (2.9%)	67 (2.3%)	64 (2.1%)	5 (5.3%)	59 (2.0%)	0.011
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	6 (0.2%)	0 (0.0%)	6 (0.2%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.044
Thiazide diuretics	6 (0.2%)	0 (0.0%)	6 (0.2%)	3 (0.1%)	0 (0.2%)	3 (0.1%)	0.028
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.5%	77.2%	66.3%	0.9%	0.3%	0.9%	1.95
Routine Infant Or Child Health Check	47.9%	66.7%	47.4%	41.6%	68.5%	40.8%	0.128
Precocious Puberty	39.5%	40.4%	39.5%	0.2%	0.1%	0.2%	1.151

Table 10a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/O Abnorml Find	37.0%	52.6%	36.6%	21.4%	30.4%	21.2%	0.351
Encounter For Immunization	34.6%	43.9%	34.4%	21.4%	33.4%	21.1%	0.297
Need Prophylactic Vaccination&inoculation Flu	29.8%	33.3%	29.7%	21.4%	35.6%	21.0%	0.197
Acute Pharyngitis	25.2%	38.6%	24.9%	26.6%	49.0%	25.9%	-0.033
Acute Uris Of Unspecified Site	18.6%	24.6%	18.5%	19.6%	36.3%	19.1%	-0.025
Acute Pharyngitis Unspecified	16.1%	26.3%	15.9%	11.2%	18.6%	11.0%	0.145
Cough	13.9%	17.5%	13.8%	11.9%	22.1%	11.6%	0.062
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	11.4%	22.8%	11.1%	10.2%	21.7%	9.8%	0.039
Other Hyperfunction Of Pituitary Gland	11.3%	12.3%	11.3%	0.0%	0.0%	0.0%	-
Streptococcal Sore Throat	11.2%	17.5%	11.0%	11.3%	22.5%	10.9%	-0.004
Dietary Counseling And Surveillance	11.2%	15.8%	11.1%	5.5%	7.2%	5.4%	0.23
Acute Upper Respiratory Infection Unspecified	10.8%	12.3%	10.8%	7.3%	11.1%	7.2%	0.122
Fever Unspecified	10.4%	24.6%	10.1%	7.2%	14.7%	7.0%	0.114
Allergic Rhinitis Cause Unspecified	10.4%	15.8%	10.2%	8.5%	15.6%	8.3%	0.065
Need Proph Vacc Against Oth Spec Vacc	10.1%	19.3%	9.9%	10.3%	22.1%	9.9%	-0.007
Other Unknown & unspec Cause Morbidity/Mortality	9.8%	8.8%	9.8%	7.4%	10.9%	7.3%	0.098
Other Specified Counseling	9.6%	14.0%	9.5%	4.8%	6.5%	4.7%	0.218
Acute Sinusitis, Unspecified	9.5%	14.0%	9.4%	7.8%	17.6%	7.5%	0.06
Unspecified Otitis Media	9.3%	12.3%	9.2%	8.9%	16.0%	8.7%	0.012

Table 10a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Abdominal Pain, Unspecified Site	9.0%	14.0%	8.9%	8.9%	17.6%	8.6%	0.005
Headache	8.8%	26.3%	8.4%	6.2%	12.1%	6.0%	0.103
Encounter Rtn Child Health Exam W/Abnormal Find	8.8%	12.3%	8.7%	3.7%	5.9%	3.6%	0.215
Unspecified Viral Infection In Cce & Uns Site	8.7%	8.8%	8.7%	9.0%	17.7%	8.7%	-0.011
Other Acne	7.9%	8.8%	7.9%	5.1%	10.8%	5.0%	0.116
Cough	7.8%	15.8%	7.6%	5.2%	9.0%	5.1%	0.107
Need Proph Vacc&inoculat Against Viral Hep	7.2%	12.3%	7.1%	7.0%	13.4%	6.8%	0.007
Myopia	7.0%	7.0%	7.0%	7.0%	11.5%	6.9%	0
Need Proph Vaccination&inoculat Oth Viral Dz	6.9%	14.0%	6.7%	6.2%	13.6%	6.0%	0.03
Streptococcal Pharyngitis	6.9%	8.8%	6.8%	4.5%	7.2%	4.4%	0.101
Contact Dermatitis & other Eczema Due Unspec Cause	6.5%	14.0%	6.3%	5.6%	10.9%	5.4%	0.036
Body Mass Index Bmi Pediatric 5th % <85th % Age	6.2%	7.0%	6.2%	4.1%	5.7%	4.0%	0.102
Fever Unspecified	5.8%	12.3%	5.7%	3.8%	5.7%	3.8%	0.096
Headache	5.8%	8.8%	5.8%	2.7%	5.3%	2.6%	0.157
Pain In Soft Tissues Of Limb	5.8%	19.3%	5.5%	5.2%	16.6%	4.8%	0.029
Myopia Bilateral	5.7%	7.0%	5.7%	2.7%	4.4%	2.7%	0.154
Short Stature	5.5%	10.5%	5.4%	0.4%	0.8%	0.4%	0.31
Body Mass Index Bmi Ped >/Equal 95th% For Age	5.4%	1.8%	5.4%	1.0%	1.1%	1.0%	0.259

Table 10a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Encounter Exam Eyes & Vision W/O Abnormal Find	5.3%	0.0%	5.4%	2.4%	3.7%	2.4%	0.163
Examination Of Eyes And Vision	5.2%	5.3%	5.2%	5.4%	8.3%	5.3%	-0.008
Obesity, Unspecified	5.1%	5.3%	5.1%	1.6%	3.0%	1.6%	0.203
Urinary Tract Infection Site Not Specified	5.0%	10.5%	4.9%	4.1%	8.2%	4.0%	0.044
Dietary Surveillance And Counseling	4.9%	5.3%	4.9%	5.6%	9.3%	5.5%	-0.041
Asthma, Unspecified, Unspecified Status	4.6%	5.3%	4.6%	3.8%	6.4%	3.8%	0.038
Exercise Counseling	4.5%	3.5%	4.5%	4.6%	8.0%	4.5%	-0.005
Unspecified Constipation	4.5%	1.8%	4.5%	2.6%	4.5%	2.6%	0.101
Hypermetropia	4.4%	3.5%	4.4%	3.8%	6.1%	3.7%	0.035
Unspecified Otagia	4.2%	8.8%	4.1%	2.8%	6.5%	2.7%	0.078
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.8%	10.5%	10.8%	0.0%	0.0%	0.0%	-
Amoxicillin	10.3%	21.1%	10.1%	8.7%	12.8%	8.6%	0.054
Leuprolide Acetate	7.5%	15.8%	7.3%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	7.5%	17.5%	7.3%	6.9%	14.3%	6.7%	0.022
Leuprolide Acetate	7.3%	10.5%	7.3%	0.0%	0.0%	0.0%	-
Azithromycin	4.5%	8.8%	4.4%	2.8%	7.9%	2.7%	0.088
Azithromycin	4.2%	1.8%	4.3%	2.8%	4.6%	2.8%	0.078
Ciprofloxacin	4.2%	8.8%	4.1%	2.8%	6.4%	2.7%	0.077
Hcl/Dexamethasone							
Amoxicillin	4.0%	1.8%	4.1%	3.2%	4.8%	3.2%	0.043
Histrelin Acetate	4.0%	5.3%	4.0%	0.0%	0.1%	0.0%	0.293
Leuprolide Acetate	4.0%	7.0%	4.0%	0.0%	0.0%	0.0%	-

Table 10a. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Azithromycin	4.0%	1.8%	4.0%	2.9%	4.9%	2.8%	0.06
Amoxicillin	3.9%	3.5%	3.9%	2.5%	4.2%	2.5%	0.078
Leuprolide Acetate	3.9%	5.3%	3.8%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	3.6%	7.0%	3.5%	0.1%	0.1%	0.1%	0.266
Leuprolide Acetate	3.5%	5.3%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.4%	7.0%	3.3%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	7.0%	3.2%	3.4%	5.2%	3.3%	-0.003
Albuterol Sulfate	2.6%	0.0%	2.6%	1.5%	1.9%	1.5%	0.078
Azithromycin	2.5%	5.3%	2.5%	1.9%	4.2%	1.9%	0.043

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 10b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,007 (100.0%)	68 (100.0%)	2,939 (100.0%)	3,007 (100.0%)	85 (100.0%)	2,922 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,049.6 (992.6)	704.1 (613.1)	1,057.6 (998.5)	1,085.3 (1026.9)	670.8 (610.8)	1,097.3 (1033.0)	-0.035
Characteristics							
Mean age (years)	8.0 (1.7)	7.9 (1.4)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	8.0 (1.7)	0
Age (years)							
0-2	81 (2.7%)	0 (0.0%)	81 (2.8%)	84 (2.8%)	2 (2.4%)	81 (2.8%)	-0.005
3-4	104 (3.5%)	1 (1.5%)	103 (3.5%)	101 (3.4%)	4 (4.4%)	97 (3.3%)	0.006
5-6	387 (12.9%)	14 (20.6%)	373 (12.7%)	391 (13.0%)	11 (13.4%)	380 (13.0%)	-0.004
7-8	1,564 (52.0%)	40 (58.8%)	1,524 (51.9%)	1,558 (51.8%)	45 (53.2%)	1,513 (51.8%)	0.004
9-10	871 (29.0%)	13 (19.1%)	858 (29.2%)	874 (29.1%)	23 (26.7%)	851 (29.1%)	-0.002
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	9 (0.3%)	0 (0.1%)	9 (0.3%)	-0.015
Asian	117 (3.9%)	1 (1.5%)	116 (3.9%)	65 (2.2%)	2 (2.7%)	63 (2.2%)	0.11
Black or African American	169 (5.6%)	2 (2.9%)	167 (5.7%)	184 (6.1%)	3 (3.7%)	181 (6.2%)	-0.024
Native Hawaiian or Other Pacific Islander	21 (0.7%)	1 (1.5%)	20 (0.7%)	17 (0.6%)	0 (0.4%)	17 (0.6%)	0.02
Unknown	2,370 (78.8%)	53 (77.9%)	2,317 (78.8%)	2,347 (78.0%)	62 (73.5%)	2,284 (78.2%)	0.025
White	323 (10.7%)	11 (16.2%)	312 (10.6%)	384 (12.8%)	17 (19.7%)	367 (12.6%)	-0.071
Anti-epileptic drugs	81 (2.7%)	2 (2.9%)	79 (2.7%)	57 (1.9%)	3 (4.1%)	53 (1.8%)	0.055
Anticoagulants	17 (0.6%)	0 (0.0%)	17 (0.6%)	6 (0.2%)	0 (0.2%)	6 (0.2%)	0.058
Antidepressants	180 (6.0%)	5 (7.4%)	175 (6.0%)	158 (5.2%)	9 (10.8%)	149 (5.1%)	0.032
Beta blockers	26 (0.9%)	0 (0.0%)	26 (0.9%)	17 (0.6%)	1 (1.1%)	16 (0.6%)	0.035
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	79 (2.6%)	4 (5.9%)	75 (2.6%)	27 (0.9%)	1 (1.4%)	25 (0.9%)	0.134
Corticosteroids	669 (22.2%)	26 (38.2%)	643 (21.9%)	662 (22.0%)	34 (39.6%)	628 (21.5%)	0.006
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	290 (9.6%)	6 (8.8%)	284 (9.7%)	21 (0.7%)	1 (0.7%)	20 (0.7%)	0.415
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	47 (1.6%)	3 (4.4%)	44 (1.5%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.175
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	4 (0.1%)	0 (0.0%)	4 (0.1%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.036
Medroxyprogesterone	56 (1.9%)	2 (2.9%)	54 (1.8%)	45 (1.5%)	2 (2.2%)	43 (1.5%)	0.03
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	69 (2.3%)	2 (2.9%)	67 (2.3%)	68 (2.3%)	5 (5.3%)	64 (2.2%)	0.002
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	28 (0.9%)	0 (0.0%)	28 (1.0%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.123
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.101
Short-acting histrelin	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.034
Short-acting leuprolide acetate	5 (0.2%)	0 (0.0%)	5 (0.2%)	2 (0.1%)	0 (0.1%)	2 (0.1%)	0.029
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.072
Statins	6 (0.2%)	0 (0.0%)	6 (0.2%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.049
Thiazide diuretics	6 (0.2%)	0 (0.0%)	6 (0.2%)	2 (0.1%)	0 (0.0%)	2 (0.1%)	0.04
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.6%	77.2%	66.3%	21.3%	28.5%	21.1%	1.032
Routine Infant Or Child Health Check	47.8%	66.7%	47.4%	50.7%	73.2%	50.0%	-0.058
Precocious Puberty	39.5%	40.4%	39.4%	6.7%	6.4%	6.7%	0.855

Table 10b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/O Abnorml Find	37.0%	52.6%	36.6%	35.0%	45.2%	34.7%	0.042
Encounter For Immunization	34.6%	43.9%	34.4%	32.8%	41.1%	32.5%	0.04
Need Prophylactic Vaccination & inoculation Flu	29.7%	33.3%	29.6%	27.8%	41.0%	27.4%	0.043
Acute Pharyngitis	25.3%	38.6%	24.9%	28.2%	51.0%	27.5%	-0.066
Acute Uris Of Unspecified Site	18.7%	24.6%	18.6%	20.0%	35.6%	19.6%	-0.033
Acute Pharyngitis Unspecified	16.1%	26.3%	15.9%	16.5%	24.5%	16.3%	-0.012
Cough	13.9%	17.5%	13.8%	13.8%	27.1%	13.4%	0.003
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	11.3%	22.8%	11.1%	11.3%	22.9%	10.9%	0.001
Other Hyperfunction Of Pituitary Gland	11.3%	12.3%	11.3%	0.4%	0.3%	0.4%	0.481
Streptococcal Sore Throat	11.3%	17.5%	11.1%	11.8%	20.6%	11.5%	-0.016
Dietary Counseling And Surveillance	11.1%	15.8%	11.0%	10.1%	11.6%	10.0%	0.039
Acute Upper Respiratory Infection Unspecified	10.8%	12.3%	10.7%	10.7%	14.0%	10.6%	0.003
Fever Unspecified	10.5%	24.6%	10.1%	9.2%	18.6%	8.9%	0.044
Allergic Rhinitis Cause Unspecified	10.4%	15.8%	10.3%	9.6%	16.9%	9.4%	0.027
Need Proph Vacc Against Oth Spec Vacc	10.0%	19.3%	9.8%	11.6%	22.1%	11.3%	-0.052
Other Unknown & unspec Cause Morbidity/Mortality	9.8%	8.8%	9.8%	8.5%	9.4%	8.5%	0.054
Other Specified Counseling	9.7%	14.0%	9.6%	8.9%	11.1%	8.8%	0.032
Acute Sinusitis, Unspecified	9.5%	14.0%	9.4%	8.8%	19.8%	8.5%	0.025
Unspecified Otitis Media	9.3%	12.3%	9.2%	9.4%	20.3%	9.1%	-0.004

Table 10b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Headache	8.9%	26.3%	8.5%	7.6%	17.6%	7.3%	0.046
Abdominal Pain, Unspecified Site	8.8%	12.3%	8.7%	9.5%	21.3%	9.2%	-0.024
Encounter Rtn Child Health Exam W/Abnormal Find	8.8%	12.3%	8.7%	7.8%	9.6%	7.7%	0.038
Unspecified Viral Infection In Cce & Uns Site	8.7%	8.8%	8.7%	9.6%	15.8%	9.4%	-0.032
Other Acne	7.9%	8.8%	7.9%	8.1%	19.3%	7.8%	-0.006
Cough	7.9%	15.8%	7.7%	7.8%	10.4%	7.7%	0.004
Need Proph Vacc & inoculat Against Viral Hep	7.2%	12.3%	7.0%	6.6%	13.4%	6.4%	0.021
Myopia	7.0%	7.0%	7.0%	6.9%	10.8%	6.8%	0.004
Need Proph Vaccination&inoculat Oth Viral Dz	6.9%	14.0%	6.8%	7.4%	14.7%	7.2%	-0.02
Streptococcal Pharyngitis	6.9%	8.8%	6.8%	6.5%	8.3%	6.4%	0.017
Contact Dermatitis & other Eczema Due Unspec Cause	6.5%	14.0%	6.3%	6.6%	11.0%	6.5%	-0.006
Body Mass Index Bmi Pediatric 5th % <85th % Age	6.2%	7.0%	6.1%	5.7%	5.8%	5.7%	0.022
Fever Unspecified	5.9%	12.3%	5.7%	5.6%	6.2%	5.6%	0.01
Headache	5.9%	8.8%	5.8%	4.2%	8.4%	4.1%	0.076
Pain In Soft Tissues Of Limb	5.8%	19.3%	5.5%	5.6%	18.4%	5.2%	0.01
Myopia Bilateral	5.7%	7.0%	5.7%	4.3%	5.2%	4.3%	0.066
Short Stature	5.5%	10.5%	5.4%	1.6%	2.8%	1.6%	0.213
Body Mass Index Bmi Ped >/Equal 95th% For Age	5.4%	1.8%	5.5%	3.3%	3.3%	3.3%	0.108

Table 10b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Encounter Exam Eyes & Vision W/O Abnormal Find	5.3%	0.0%	5.4%	4.4%	4.6%	4.4%	0.048
Examination Of Eyes And Vision	5.1%	5.3%	5.1%	5.5%	10.7%	5.3%	-0.015
Urinary Tract Infection Site Not Specified	5.1%	10.5%	4.9%	4.0%	7.8%	3.8%	0.054
Obesity, Unspecified	5.1%	5.3%	5.1%	2.6%	4.4%	2.6%	0.131
Dietary Surveillance And Counseling	4.9%	5.3%	4.8%	6.8%	8.1%	6.8%	-0.118
Asthma, Unspecified, Unspecified Status	4.6%	5.3%	4.6%	3.8%	6.2%	3.7%	0.043
Exercise Counseling	4.5%	3.5%	4.5%	6.4%	8.1%	6.3%	-0.112
Unspecified Constipation	4.5%	1.8%	4.6%	3.9%	8.3%	3.8%	0.029
Hypermetropia	4.4%	3.5%	4.4%	4.0%	4.7%	4.0%	0.018
Unspecified Abdominal Pain	4.2%	5.3%	4.1%	3.5%	6.3%	3.5%	0.033
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.8%	10.5%	10.9%	0.0%	0.0%	0.0%	-
Amoxicillin	10.3%	21.1%	10.1%	10.8%	17.0%	10.6%	-0.014
Albuterol Sulfate	7.5%	17.5%	7.3%	8.1%	13.7%	7.9%	-0.021
Leuprolide Acetate	7.5%	15.8%	7.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	7.4%	10.5%	7.3%	0.0%	0.0%	0.0%	-
Azithromycin	4.5%	8.8%	4.4%	3.6%	7.7%	3.5%	0.048
Azithromycin	4.5%	3.5%	4.5%	4.5%	7.6%	4.4%	-0.001
Ciprofloxacin	4.4%	8.8%	4.3%	3.9%	8.5%	3.8%	0.024
Hcl/Dexamethasone							
Histrelin Acetate	4.0%	5.3%	4.0%	0.3%	0.4%	0.3%	0.26
Leuprolide Acetate	4.0%	7.0%	4.0%	0.0%	0.0%	0.0%	-
Amoxicillin	4.0%	1.8%	4.1%	4.5%	7.1%	4.5%	-0.026

Table 10b. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Azithromycin	4.0%	1.8%	4.1%	3.3%	6.6%	3.2%	0.036
Leuprolide Acetate	3.9%	5.3%	3.9%	0.0%	0.0%	0.0%	-
Amoxicillin	3.6%	3.5%	3.6%	3.4%	5.5%	3.3%	0.016
Lidocaine/Prilocaine	3.6%	7.0%	3.6%	0.2%	0.6%	0.2%	0.259
Leuprolide Acetate	3.5%	5.3%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.4%	7.0%	3.4%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	7.0%	3.2%	3.3%	6.6%	3.2%	-0.001
Albuterol Sulfate	2.6%	0.0%	2.7%	2.4%	4.1%	2.3%	0.016
Azithromycin	2.5%	5.3%	2.5%	2.0%	3.5%	2.0%	0.037

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 10c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	228 (100.0%)	2,788 (100.0%)	3,016 (100.0%)	250 (100.0%)	2,766 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	994.4 (955.2)	804.0 (724.8)	1,009.9 (968.8)	1,017.0 (1100.9)	915.8 (856.2)	1,026.1 (1117.3)	-0.022
Characteristics							
Mean age (years)	8.0 (1.7)	8.1 (1.5)	8.0 (1.8)	8.0 (1.7)	8.3 (1.6)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.9%)	82 (2.7%)	4 (1.5%)	78 (2.8%)	0
3-4	105 (3.5%)	5 (2.2%)	100 (3.6%)	105 (3.5%)	8 (3.3%)	97 (3.5%)	0
5-6	391 (13.0%)	38 (16.7%)	353 (12.7%)	390 (12.9%)	25 (10.1%)	365 (13.2%)	0.001
7-8	1,566 (51.9%)	118 (51.8%)	1,448 (51.9%)	1,566 (51.9%)	125 (50.0%)	1,441 (52.1%)	0
9-10	872 (28.9%)	67 (29.4%)	805 (28.9%)	873 (28.9%)	88 (35.2%)	785 (28.4%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.3%)	7 (0.2%)	1 (0.3%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	4 (1.8%)	115 (4.1%)	70 (2.3%)	5 (1.8%)	66 (2.4%)	0.102
Black or African American	170 (5.6%)	10 (4.4%)	160 (5.7%)	111 (3.7%)	9 (3.4%)	103 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	3 (1.3%)	19 (0.7%)	17 (0.6%)	2 (0.8%)	15 (0.5%)	0.026
Unknown	2,371 (78.6%)	173 (75.9%)	2,198 (78.8%)	2,417 (80.1%)	180 (72.3%)	2,236 (80.8%)	-0.049
White	327 (10.8%)	38 (16.7%)	289 (10.4%)	393 (13.0%)	53 (21.3%)	340 (12.3%)	-0.077
Anti-epileptic drugs	81 (2.7%)	12 (5.3%)	69 (2.5%)	41 (1.4%)	12 (4.7%)	29 (1.0%)	0.096
Anticoagulants	17 (0.6%)	4 (1.8%)	13 (0.5%)	4 (0.1%)	1 (0.3%)	3 (0.1%)	0.073
Antidepressants	182 (6.0%)	35 (15.4%)	147 (5.3%)	128 (4.2%)	28 (11.4%)	99 (3.6%)	0.083
Beta blockers	26 (0.9%)	4 (1.8%)	22 (0.8%)	17 (0.6%)	4 (1.6%)	13 (0.5%)	0.037
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	81 (2.7%)	12 (5.3%)	69 (2.5%)	25 (0.8%)	5 (2.1%)	20 (0.7%)	0.143
Corticosteroids	669 (22.2%)	89 (39.0%)	580 (20.8%)	577 (19.1%)	96 (38.6%)	481 (17.4%)	0.076
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	293 (9.7%)	22 (9.6%)	271 (9.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.467
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	47 (1.6%)	6 (2.6%)	41 (1.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	4 (0.1%)	0 (0.0%)	4 (0.1%)	2 (0.1%)	1 (0.2%)	2 (0.1%)	0.02
Medroxyprogesterone	57 (1.9%)	11 (4.8%)	46 (1.6%)	44 (1.5%)	9 (3.5%)	35 (1.3%)	0.034
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	69 (2.3%)	8 (3.5%)	61 (2.2%)	65 (2.2%)	14 (5.7%)	51 (1.8%)	0.009
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	2 (0.9%)	27 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	2 (0.9%)	12 (0.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	6 (0.2%)	3 (1.3%)	3 (0.1%)	1 (0.0%)	0 (0.1%)	1 (0.0%)	0.044
Thiazide diuretics	6 (0.2%)	0 (0.0%)	6 (0.2%)	3 (0.1%)	1 (0.2%)	2 (0.1%)	0.028
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.5%	81.7%	65.3%	0.9%	0.3%	0.9%	1.95
Routine Infant Or Child Health Check	47.9%	74.3%	45.7%	41.6%	72.7%	38.8%	0.127
Precocious Puberty	39.5%	35.6%	39.8%	0.2%	0.0%	0.2%	1.152

Table 10c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/O Abnorml Find	37.0%	49.2%	36.0%	21.5%	31.7%	20.5%	0.351
Encounter For Immunization	34.7%	49.7%	33.4%	21.5%	35.1%	20.3%	0.297
Need Prophylactic Vaccination & inoculation Flu	29.8%	44.5%	28.5%	21.4%	37.4%	20.0%	0.196
Acute Pharyngitis	25.2%	49.7%	23.2%	26.7%	52.9%	24.3%	-0.034
Acute Uris Of Unspecified Site	18.6%	38.2%	17.0%	19.6%	39.0%	17.9%	-0.026
Acute Pharyngitis Unspecified	16.2%	31.9%	14.9%	11.3%	19.7%	10.5%	0.144
Cough	13.9%	24.6%	13.0%	11.9%	24.4%	10.8%	0.06
Need Proph Vac W/Comb	11.4%	26.2%	10.1%	10.2%	22.5%	9.1%	0.038
Diphth-Tetanus-Pertuss Vac							
Other Hyperfunction Of Pituitary Gland	11.3%	9.9%	11.4%	0.0%	0.0%	0.0%	-
Dietary Counseling And Surveillance	11.2%	13.6%	11.0%	5.5%	8.0%	5.3%	0.231
Streptococcal Sore Throat	11.2%	18.8%	10.5%	11.3%	22.4%	10.3%	-0.004
Acute Upper Respiratory Infection Unspecified	10.8%	15.7%	10.4%	7.4%	12.0%	7.0%	0.122
Fever Unspecified	10.4%	18.3%	9.8%	7.3%	14.8%	6.6%	0.113
Allergic Rhinitis Cause Unspecified	10.4%	17.8%	9.8%	8.5%	17.8%	7.7%	0.066
Need Proph Vacc Against Oth Spec Vacc	10.1%	24.6%	8.9%	10.3%	23.8%	9.1%	-0.008
Other Unknown&unspec Cause Morbidity/Mortality	9.8%	9.4%	9.8%	7.4%	9.2%	7.3%	0.098
Other Specified Counseling	9.6%	13.1%	9.3%	4.8%	8.0%	4.5%	0.218
Acute Sinusitis, Unspecified	9.5%	19.4%	8.7%	7.8%	19.2%	6.8%	0.06
Unspecified Otitis Media	9.3%	15.2%	8.8%	8.9%	17.0%	8.2%	0.012

Table 10c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Abdominal Pain, Unspecified Site	9.0%	18.3%	8.2%	8.9%	21.3%	7.8%	0.004
Headache	8.8%	25.1%	7.5%	6.2%	15.2%	5.4%	0.101
Encounter Rtn Child Health Exam W/Abnormal Find	8.8%	13.6%	8.4%	3.7%	5.8%	3.5%	0.215
Unspecified Viral Infection In Cce & Uns Site	8.7%	16.2%	8.0%	9.0%	19.9%	8.0%	-0.011
Other Acne	7.9%	16.8%	7.2%	5.1%	12.4%	4.5%	0.115
Cough	7.9%	14.1%	7.3%	5.2%	8.2%	5.0%	0.107
Need Proph Vacc&inoculat Against Viral Hep	7.2%	13.1%	6.7%	7.0%	13.3%	6.5%	0.006
Myopia	7.0%	12.6%	6.6%	7.0%	14.6%	6.4%	-0.001
Need Proph Vaccination & inoculat Oth Viral Dz	6.9%	14.7%	6.2%	6.2%	15.5%	5.4%	0.029
Streptococcal Pharyngitis	6.9%	9.4%	6.6%	4.5%	6.6%	4.4%	0.101
Contact Dermatitis&other Eczema Due Unspec Cause	6.5%	13.6%	5.9%	5.6%	12.0%	5.0%	0.035
Body Mass Index Bmi Pediatric 5th % <85th % Age	6.2%	6.3%	6.2%	4.1%	6.6%	3.8%	0.102
Fever Unspecified	5.9%	11.5%	5.4%	3.8%	5.2%	3.7%	0.097
Headache	5.9%	11.0%	5.5%	2.7%	6.2%	2.4%	0.157
Pain In Soft Tissues Of Limb	5.8%	22.0%	4.5%	5.2%	21.1%	3.7%	0.028
Myopia Bilateral	5.8%	9.9%	5.4%	2.7%	5.9%	2.4%	0.155
Short Stature	5.5%	8.4%	5.3%	0.4%	0.7%	0.4%	0.31
Body Mass Index Bmi Ped >/Equal 95th% For Age	5.4%	6.8%	5.3%	1.0%	1.3%	1.0%	0.26
Encounter Exam Eyes & Vision W/O Abnormal Find	5.3%	4.7%	5.3%	2.5%	4.4%	2.3%	0.162

Table 10c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Examination Of Eyes And Vision	5.2%	8.9%	4.9%	5.4%	9.6%	5.0%	-0.008
Obesity, Unspecified	5.1%	12.6%	4.5%	1.6%	3.2%	1.5%	0.203
Urinary Tract Infection Site Not Specified	5.0%	12.0%	4.5%	4.2%	10.0%	3.6%	0.044
Dietary Surveillance And Counseling	4.9%	7.9%	4.6%	5.6%	11.7%	5.0%	-0.042
Asthma, Unspecified, Unspecified Status	4.6%	8.9%	4.2%	3.9%	8.6%	3.4%	0.038
Exercise Counseling	4.5%	6.8%	4.3%	4.6%	9.8%	4.1%	-0.006
Unspecified Constipation	4.5%	10.5%	4.0%	2.7%	5.3%	2.4%	0.1
Hypermetropia	4.4%	7.9%	4.1%	3.8%	7.6%	3.4%	0.035
Unspecified Otalgia	4.2%	9.4%	3.8%	2.8%	6.9%	2.4%	0.077
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.8%	6.3%	11.2%	0.0%	0.0%	0.0%	-
Amoxicillin	10.3%	13.6%	10.0%	8.8%	12.6%	8.4%	0.054
Leuprolide Acetate	7.5%	13.1%	7.1%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	7.5%	14.7%	6.9%	7.0%	15.9%	6.1%	0.021
Leuprolide Acetate	7.3%	13.1%	6.9%	0.0%	0.0%	0.0%	-
Azithromycin	4.5%	13.1%	3.8%	2.9%	8.5%	2.3%	0.087
Ciprofloxacin	4.4%	12.0%	3.8%	2.9%	5.8%	2.6%	0.083
Hcl/Dexamethasone							
Azithromycin	4.2%	3.7%	4.3%	2.8%	4.0%	2.7%	0.078
Amoxicillin	4.0%	2.6%	4.2%	3.2%	4.3%	3.1%	0.043
Histrelin Acetate	4.0%	5.2%	3.9%	0.0%	0.0%	0.0%	0.293
Leuprolide Acetate	4.0%	4.7%	4.0%	0.0%	0.0%	0.0%	-
Azithromycin	4.0%	9.9%	3.5%	2.9%	4.9%	2.7%	0.06
Leuprolide Acetate	3.9%	1.6%	4.1%	0.0%	0.0%	0.0%	-

Table 10c. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	3.8%	4.2%	3.8%	2.5%	4.0%	2.4%	0.077
Lidocaine/Prilocaine	3.6%	6.8%	3.4%	0.1%	0.3%	0.1%	0.266
Leuprolide Acetate	3.5%	4.2%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.4%	6.8%	3.1%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	2.1%	3.4%	3.4%	4.9%	3.2%	-0.004
Albuterol Sulfate	2.6%	3.1%	2.5%	1.5%	2.7%	1.4%	0.077
Azithromycin	2.5%	7.9%	2.1%	2.0%	5.8%	1.6%	0.041

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 10d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.7)	1,726.0 (.)	1,118.0 (1171.6)	-0.04
Characteristics							
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	8.9 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (0.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (50.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (50.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (50.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (50.0%)	393 (13.0%)	-0.077
Anti-epileptic drugs	81 (2.7%)	0 (0.0%)	81 (2.7%)	41 (1.4%)	0 (0.0%)	41 (1.4%)	0.096
Anticoagulants	17 (0.6%)	0 (0.0%)	17 (0.6%)	4 (0.1%)	0 (0.0%)	4 (0.1%)	0.073
Antidepressants	182 (6.0%)	0 (0.0%)	182 (6.0%)	128 (4.2%)	0 (0.0%)	128 (4.2%)	0.083
Beta blockers	26 (0.9%)	0 (0.0%)	26 (0.9%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.037
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	81 (2.7%)	0 (0.0%)	81 (2.7%)	25 (0.8%)	0 (0.0%)	25 (0.8%)	0.143
Corticosteroids	669 (22.2%)	0 (0.0%)	669 (22.2%)	577 (19.1%)	0 (50.0%)	577 (19.1%)	0.076
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	293 (9.7%)	0 (0.0%)	293 (9.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.467
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	47 (1.6%)	0 (0.0%)	47 (1.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	4 (0.1%)	0 (0.0%)	4 (0.1%)	2 (0.1%)	0 (0.0%)	2 (0.1%)	0.02
Medroxyprogesterone	57 (1.9%)	0 (0.0%)	57 (1.9%)	44 (1.5%)	0 (0.0%)	44 (1.5%)	0.034
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	69 (2.3%)	0 (0.0%)	69 (2.3%)	65 (2.2%)	0 (0.0%)	65 (2.2%)	0.009
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	6 (0.2%)	0 (0.0%)	6 (0.2%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.044
Thiazide diuretics	6 (0.2%)	0 (0.0%)	6 (0.2%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.028
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.5%	0.0%	66.5%	0.9%	0.0%	0.9%	1.95
Routine Infant Or Child Health Check	47.9%	0.0%	47.9%	41.6%	100.0%	41.6%	0.127
Precocious Puberty	39.5%	0.0%	39.5%	0.2%	0.0%	0.2%	1.152

Table 10d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/O Abnorml Find	37.0%	0.0%	37.0%	21.5%	0.0%	21.5%	0.351
Encounter For Immunization	34.7%	0.0%	34.7%	21.5%	0.0%	21.5%	0.297
Need Prophylactic Vaccination & inoculation Flu	29.8%	0.0%	29.8%	21.4%	0.0%	21.4%	0.196
Acute Pharyngitis	25.2%	0.0%	25.2%	26.7%	50.0%	26.7%	-0.034
Acute Uris Of Unspecified Site	18.6%	0.0%	18.6%	19.6%	0.0%	19.6%	-0.026
Acute Pharyngitis Unspecified	16.2%	0.0%	16.2%	11.3%	0.0%	11.3%	0.144
Cough	13.9%	0.0%	13.9%	11.9%	50.0%	11.9%	0.06
Need Proph Vac W/Comb	11.4%	0.0%	11.4%	10.2%	0.0%	10.2%	0.038
Diphth-Tetanus-Pertuss Vac							
Other Hyperfunction Of Pituitary Gland	11.3%	0.0%	11.3%	0.0%	0.0%	0.0%	-
Dietary Counseling And Surveillance	11.2%	0.0%	11.2%	5.5%	0.0%	5.5%	0.231
Streptococcal Sore Throat	11.2%	0.0%	11.2%	11.3%	0.0%	11.3%	-0.004
Acute Upper Respiratory Infection Unspecified	10.8%	0.0%	10.8%	7.4%	0.0%	7.4%	0.122
Fever Unspecified	10.4%	0.0%	10.4%	7.3%	0.0%	7.3%	0.113
Allergic Rhinitis Cause Unspecified	10.4%	0.0%	10.4%	8.5%	0.0%	8.5%	0.066
Need Proph Vacc Against Oth Spec Vacc	10.1%	0.0%	10.1%	10.3%	0.0%	10.3%	-0.008
Other Unknown & unspec Cause Morbidity/Mortality	9.8%	0.0%	9.8%	7.4%	0.0%	7.4%	0.098
Other Specified Counseling	9.6%	0.0%	9.6%	4.8%	0.0%	4.8%	0.218
Acute Sinusitis, Unspecified	9.5%	0.0%	9.5%	7.8%	0.0%	7.8%	0.06
Unspecified Otitis Media	9.3%	0.0%	9.3%	8.9%	0.0%	8.9%	0.012

Table 10d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Abdominal Pain, Unspecified Site	9.0%	0.0%	9.0%	8.9%	50.0%	8.9%	0.004
Headache	8.8%	0.0%	8.8%	6.2%	0.0%	6.2%	0.101
Encounter Rtn Child Health Exam W/Abnormal Find	8.8%	0.0%	8.8%	3.7%	0.0%	3.7%	0.215
Unspecified Viral Infection In Cce & Uns Site	8.7%	0.0%	8.7%	9.0%	0.0%	9.0%	-0.011
Other Acne	7.9%	0.0%	7.9%	5.1%	0.0%	5.1%	0.115
Cough	7.9%	0.0%	7.9%	5.2%	0.0%	5.2%	0.107
Need Proph Vacc&inoculat Against Viral Hep	7.2%	0.0%	7.2%	7.0%	0.0%	7.0%	0.006
Myopia	7.0%	0.0%	7.0%	7.0%	50.0%	7.0%	-0.001
Need Proph Vaccination & inoculat Oth Viral Dz	6.9%	0.0%	6.9%	6.2%	0.0%	6.2%	0.029
Streptococcal Pharyngitis	6.9%	0.0%	6.9%	4.5%	0.0%	4.5%	0.101
Contact Dermatitis & other Eczema Due Unspec Cause	6.5%	0.0%	6.5%	5.6%	0.0%	5.6%	0.035
Body Mass Index Bmi Pediatric 5th % <85th % Age	6.2%	0.0%	6.2%	4.1%	0.0%	4.1%	0.102
Fever Unspecified	5.9%	0.0%	5.9%	3.8%	0.0%	3.8%	0.097
Headache	5.9%	0.0%	5.9%	2.7%	0.0%	2.7%	0.157
Pain In Soft Tissues Of Limb	5.8%	0.0%	5.8%	5.2%	0.0%	5.2%	0.028
Myopia Bilateral	5.8%	0.0%	5.8%	2.7%	0.0%	2.7%	0.155
Short Stature	5.5%	0.0%	5.5%	0.4%	0.0%	0.4%	0.31
Body Mass Index Bmi Ped >/Equal 95th% For Age	5.4%	0.0%	5.4%	1.0%	0.0%	1.0%	0.26
Encounter Exam Eyes & Vision W/O Abnormal Find	5.3%	0.0%	5.3%	2.5%	0.0%	2.5%	0.162

Table 10d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Examination Of Eyes And Vision	5.2%	0.0%	5.2%	5.4%	0.0%	5.4%	-0.008
Obesity, Unspecified	5.1%	0.0%	5.1%	1.6%	50.0%	1.6%	0.203
Urinary Tract Infection Site Not Specified	5.0%	0.0%	5.0%	4.2%	50.0%	4.2%	0.044
Dietary Surveillance And Counseling	4.9%	0.0%	4.9%	5.6%	0.0%	5.6%	-0.042
Asthma, Unspecified, Unspecified Status	4.6%	0.0%	4.6%	3.9%	0.0%	3.9%	0.038
Exercise Counseling	4.5%	0.0%	4.5%	4.6%	0.0%	4.6%	-0.006
Unspecified Constipation	4.5%	0.0%	4.5%	2.7%	0.0%	2.7%	0.1
Hypermetropia	4.4%	0.0%	4.4%	3.8%	0.0%	3.8%	0.035
Unspecified Otalgia	4.2%	0.0%	4.2%	2.8%	0.0%	2.8%	0.077
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.8%	0.0%	10.8%	0.0%	0.0%	0.0%	-
Amoxicillin	10.3%	0.0%	10.3%	8.8%	50.0%	8.8%	0.054
Leuprolide Acetate	7.5%	0.0%	7.5%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	7.5%	0.0%	7.5%	7.0%	0.0%	7.0%	0.021
Leuprolide Acetate	7.3%	0.0%	7.3%	0.0%	0.0%	0.0%	-
Azithromycin	4.5%	0.0%	4.5%	2.9%	0.0%	2.9%	0.087
Ciprofloxacin	4.4%	0.0%	4.4%	2.9%	0.0%	2.9%	0.083
Hcl/Dexamethasone							
Azithromycin	4.2%	0.0%	4.2%	2.8%	0.0%	2.8%	0.078
Amoxicillin	4.0%	0.0%	4.0%	3.2%	0.0%	3.2%	0.043
Histrelin Acetate	4.0%	0.0%	4.0%	0.0%	0.0%	0.0%	0.293
Leuprolide Acetate	4.0%	0.0%	4.0%	0.0%	0.0%	0.0%	-
Azithromycin	4.0%	0.0%	4.0%	2.9%	0.0%	2.9%	0.06
Leuprolide Acetate	3.9%	0.0%	3.9%	0.0%	0.0%	0.0%	-

Table 10d. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Amoxicillin	3.8%	0.0%	3.8%	2.5%	0.0%	2.5%	0.077
Lidocaine/Prilocaine	3.6%	0.0%	3.6%	0.1%	0.0%	0.1%	0.266
Leuprolide Acetate	3.5%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.4%	0.0%	3.4%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	0.0%	3.3%	3.4%	50.0%	3.4%	-0.004
Albuterol Sulfate	2.6%	0.0%	2.6%	1.5%	0.0%	1.5%	0.077
Azithromycin	2.5%	0.0%	2.5%	2.0%	0.0%	2.0%	0.041

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Table 10e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (Number)	3,016 (100.0%)	0 (0.0%)	3,016 (100.0%)	3,016 (100.0%)	0 (100.0%)	3,016 (100.0%)	-
Follow-up time (Mean, Standard Deviation)	1,074.3 (1006.3)	-	1,074.3 (1006.3)	1,118.1 (1171.6)	3,557.0 (.)	1,118.0 (1171.6)	-0.04
Characteristics							
Mean age (years)	8.0 (1.7)	-	8.0 (1.7)	8.0 (1.7)	4.6 (.)	8.0 (1.7)	0
Age (years)							
0-2	82 (2.7%)	0 (0.0%)	82 (2.7%)	82 (2.7%)	0 (0.0%)	82 (2.7%)	0
3-4	105 (3.5%)	0 (0.0%)	105 (3.5%)	105 (3.5%)	0 (100.0%)	105 (3.5%)	0
5-6	391 (13.0%)	0 (0.0%)	391 (13.0%)	390 (12.9%)	0 (0.0%)	390 (12.9%)	0.001
7-8	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	1,566 (51.9%)	0 (0.0%)	1,566 (51.9%)	0
9-10	872 (28.9%)	0 (0.0%)	872 (28.9%)	873 (28.9%)	0 (0.0%)	873 (28.9%)	-0.001
Race							
American Indian or Alaska Native	7 (0.2%)	0 (0.0%)	7 (0.2%)	7 (0.2%)	0 (0.0%)	7 (0.2%)	-0.003
Asian	119 (3.9%)	0 (0.0%)	119 (3.9%)	70 (2.3%)	0 (0.0%)	70 (2.3%)	0.102
Black or African American	170 (5.6%)	0 (0.0%)	170 (5.6%)	111 (3.7%)	0 (0.0%)	111 (3.7%)	0.1
Native Hawaiian or Other Pacific Islander	22 (0.7%)	0 (0.0%)	22 (0.7%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.026
Unknown	2,371 (78.6%)	0 (0.0%)	2,371 (78.6%)	2,417 (80.1%)	0 (100.0%)	2,417 (80.1%)	-0.049
White	327 (10.8%)	0 (0.0%)	327 (10.8%)	393 (13.0%)	0 (0.0%)	393 (13.0%)	-0.077
Anti-epileptic drugs	81 (2.7%)	0 (0.0%)	81 (2.7%)	41 (1.4%)	0 (0.0%)	41 (1.4%)	0.096
Anticoagulants	17 (0.6%)	0 (0.0%)	17 (0.6%)	4 (0.1%)	0 (0.0%)	4 (0.1%)	0.073
Antidepressants	182 (6.0%)	0 (0.0%)	182 (6.0%)	128 (4.2%)	0 (0.0%)	128 (4.2%)	0.083
Beta blockers	26 (0.9%)	0 (0.0%)	26 (0.9%)	17 (0.6%)	0 (0.0%)	17 (0.6%)	0.037
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	81 (2.7%)	0 (0.0%)	81 (2.7%)	25 (0.8%)	0 (0.0%)	25 (0.8%)	0.143
Corticosteroids	669 (22.2%)	0 (0.0%)	669 (22.2%)	577 (19.1%)	0 (100.0%)	577 (19.1%)	0.076
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	293 (9.7%)	0 (0.0%)	293 (9.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.467
Long-acting leuprolide acetate (excluding Lupron Depot-Ped)	47 (1.6%)	0 (0.0%)	47 (1.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	4 (0.1%)	0 (0.0%)	4 (0.1%)	2 (0.1%)	0 (0.0%)	2 (0.1%)	0.02
Medroxyprogesterone	57 (1.9%)	0 (0.0%)	57 (1.9%)	44 (1.5%)	0 (100.0%)	44 (1.5%)	0.034
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	69 (2.3%)	0 (0.0%)	69 (2.3%)	65 (2.2%)	0 (100.0%)	65 (2.1%)	0.009
Short-acting Gonadotropin-Releasing Hormone (GnRH) agonists	29 (1.0%)	0 (0.0%)	29 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	14 (0.5%)	0 (0.0%)	14 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	2 (0.1%)	0 (0.0%)	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	6 (0.2%)	0 (0.0%)	6 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	8 (0.3%)	0 (0.0%)	8 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	6 (0.2%)	0 (0.0%)	6 (0.2%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	0.044
Thiazide diuretics	6 (0.2%)	0 (0.0%)	6 (0.2%)	3 (0.1%)	0 (0.0%)	3 (0.1%)	0.028
Top Diagnoses among Leuprolide Acetate Exposed Children¹							
Precocious Sexual Development And Puberty Nec	66.5%	0.0%	66.5%	0.9%	0.0%	0.9%	1.95
Routine Infant Or Child Health Check	47.9%	0.0%	47.9%	41.6%	100.0%	41.6%	0.127
Precocious Puberty	39.5%	0.0%	39.5%	0.2%	0.0%	0.2%	1.152

Table 10e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/O Abnorml Find	37.0%	0.0%	37.0%	21.5%	0.0%	21.5%	0.351
Encounter For Immunization	34.7%	0.0%	34.7%	21.5%	0.0%	21.5%	0.297
Need Prophylactic Vaccination & inoculation Flu	29.8%	0.0%	29.8%	21.4%	100.0%	21.4%	0.196
Acute Pharyngitis	25.2%	0.0%	25.2%	26.7%	100.0%	26.7%	-0.034
Acute Uris Of Unspecified Site	18.6%	0.0%	18.6%	19.6%	100.0%	19.6%	-0.026
Acute Pharyngitis Unspecified	16.2%	0.0%	16.2%	11.3%	0.0%	11.3%	0.144
Cough	13.9%	0.0%	13.9%	11.9%	100.0%	11.9%	0.06
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	11.4%	0.0%	11.4%	10.2%	0.0%	10.2%	0.038
Other Hyperfunction Of Pituitary Gland	11.3%	0.0%	11.3%	0.0%	0.0%	0.0%	-
Dietary Counseling And Surveillance	11.2%	0.0%	11.2%	5.5%	0.0%	5.5%	0.231
Streptococcal Sore Throat	11.2%	0.0%	11.2%	11.3%	100.0%	11.3%	-0.004
Acute Upper Respiratory Infection Unspecified	10.8%	0.0%	10.8%	7.4%	0.0%	7.4%	0.122
Fever Unspecified	10.4%	0.0%	10.4%	7.3%	100.0%	7.3%	0.113
Allergic Rhinitis Cause Unspecified	10.4%	0.0%	10.4%	8.5%	100.0%	8.5%	0.066
Need Proph Vacc Against Oth Spec Vacc	10.1%	0.0%	10.1%	10.3%	0.0%	10.3%	-0.008
Other Unknown & unspec Cause Morbidity/Mortality	9.8%	0.0%	9.8%	7.4%	0.0%	7.4%	0.098
Other Specified Counseling	9.6%	0.0%	9.6%	4.8%	0.0%	4.8%	0.218
Acute Sinusitis, Unspecified	9.5%	0.0%	9.5%	7.8%	100.0%	7.8%	0.06
Unspecified Otitis Media	9.3%	0.0%	9.3%	8.9%	100.0%	8.9%	0.012

Table 10e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Abdominal Pain, Unspecified Site	9.0%	0.0%	9.0%	8.9%	100.0%	8.9%	0.004
Headache	8.8%	0.0%	8.8%	6.2%	100.0%	6.2%	0.101
Encounter Rtn Child Health Exam W/Abnormal Find	8.8%	0.0%	8.8%	3.7%	0.0%	3.7%	0.215
Unspecified Viral Infection In Cce & Uns Site	8.7%	0.0%	8.7%	9.0%	100.0%	9.0%	-0.011
Other Acne	7.9%	0.0%	7.9%	5.1%	0.0%	5.1%	0.115
Cough	7.9%	0.0%	7.9%	5.2%	0.0%	5.2%	0.107
Need Proph Vacc & inoculat Against Viral Hep	7.2%	0.0%	7.2%	7.0%	0.0%	7.0%	0.006
Myopia	7.0%	0.0%	7.0%	7.0%	0.0%	7.0%	-0.001
Need Proph Vaccination&inoculat Oth Viral Dz	6.9%	0.0%	6.9%	6.2%	0.0%	6.2%	0.029
Streptococcal Pharyngitis	6.9%	0.0%	6.9%	4.5%	0.0%	4.5%	0.101
Contact Dermatitis & other Eczema Due Unspec Cause	6.5%	0.0%	6.5%	5.6%	100.0%	5.6%	0.035
Body Mass Index Bmi Pediatric 5th % <85th % Age	6.2%	0.0%	6.2%	4.1%	0.0%	4.1%	0.102
Fever Unspecified	5.9%	0.0%	5.9%	3.8%	0.0%	3.8%	0.097
Headache	5.9%	0.0%	5.9%	2.7%	0.0%	2.7%	0.157
Pain In Soft Tissues Of Limb	5.8%	0.0%	5.8%	5.2%	100.0%	5.2%	0.028
Myopia Bilateral	5.8%	0.0%	5.8%	2.7%	100.0%	2.7%	0.155
Short Stature	5.5%	0.0%	5.5%	0.4%	0.0%	0.4%	0.31
Body Mass Index Bmi Ped >/Equal 95th% For Age	5.4%	0.0%	5.4%	1.0%	0.0%	1.0%	0.26

Table 10e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP			Matched Non-CPP Controls			Weighted SMD (all)
	Controls						
	All	With event	Without event	All	With event	Without event	
Encounter Exam Eyes & Vision W/O Abnormal Find	5.3%	0.0%	5.3%	2.5%	0.0%	2.5%	0.162
Examination Of Eyes And Vision	5.2%	0.0%	5.2%	5.4%	0.0%	5.4%	-0.008
Obesity, Unspecified	5.1%	0.0%	5.1%	1.6%	100.0%	1.6%	0.203
Urinary Tract Infection Site Not Specified	5.0%	0.0%	5.0%	4.2%	100.0%	4.2%	0.044
Dietary Surveillance And Counseling	4.9%	0.0%	4.9%	5.6%	0.0%	5.6%	-0.042
Asthma, Unspecified, Unspecified Status	4.6%	0.0%	4.6%	3.9%	100.0%	3.9%	0.038
Exercise Counseling	4.5%	0.0%	4.5%	4.6%	0.0%	4.6%	-0.006
Unspecified Constipation	4.5%	0.0%	4.5%	2.7%	0.0%	2.7%	0.1
Hypermetropia	4.4%	0.0%	4.4%	3.8%	100.0%	3.8%	0.035
Unspecified Otagia	4.2%	0.0%	4.2%	2.8%	100.0%	2.8%	0.077
Top Prescription Medications Utilized by Leuprolide Acetate Exposed Children¹							
Leuprolide Acetate	10.8%	0.0%	10.8%	0.0%	0.0%	0.0%	-
Amoxicillin	10.3%	0.0%	10.3%	8.8%	0.0%	8.8%	0.054
Leuprolide Acetate	7.5%	0.0%	7.5%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	7.5%	0.0%	7.5%	7.0%	100.0%	7.0%	0.021
Leuprolide Acetate	7.3%	0.0%	7.3%	0.0%	0.0%	0.0%	-
Azithromycin	4.5%	0.0%	4.5%	2.9%	0.0%	2.9%	0.087
Ciprofloxacin	4.4%	0.0%	4.4%	2.9%	0.0%	2.9%	0.083
Hcl/Dexamethasone							
Azithromycin	4.2%	0.0%	4.2%	2.8%	0.0%	2.8%	0.078
Amoxicillin	4.0%	0.0%	4.0%	3.2%	0.0%	3.2%	0.043
Histrelin Acetate	4.0%	0.0%	4.0%	0.0%	0.0%	0.0%	0.293
Leuprolide Acetate	4.0%	0.0%	4.0%	0.0%	0.0%	0.0%	-

Table 10e. Characteristics of Female Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the end of Follow-up in the Sentinel Distributed Database between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Azithromycin	4.0%	0.0%	4.0%	2.9%	0.0%	2.9%	0.06
Leuprolide Acetate	3.9%	0.0%	3.9%	0.0%	0.0%	0.0%	-
Amoxicillin	3.8%	0.0%	3.8%	2.5%	0.0%	2.5%	0.077
Lidocaine/Prilocaine	3.6%	0.0%	3.6%	0.1%	0.0%	0.1%	0.266
Leuprolide Acetate	3.5%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.4%	0.0%	3.4%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	0.0%	3.3%	3.4%	0.0%	3.4%	-0.004
Albuterol Sulfate	2.6%	0.0%	2.6%	1.5%	0.0%	1.5%	0.077
Azithromycin	2.5%	0.0%	2.5%	2.0%	100.0%	1.9%	0.041

¹This section of the table includes data from 15 Data Partners.

*Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1.

Figure 1. Kaplan Meier Survival Curves for Female Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture, Overall

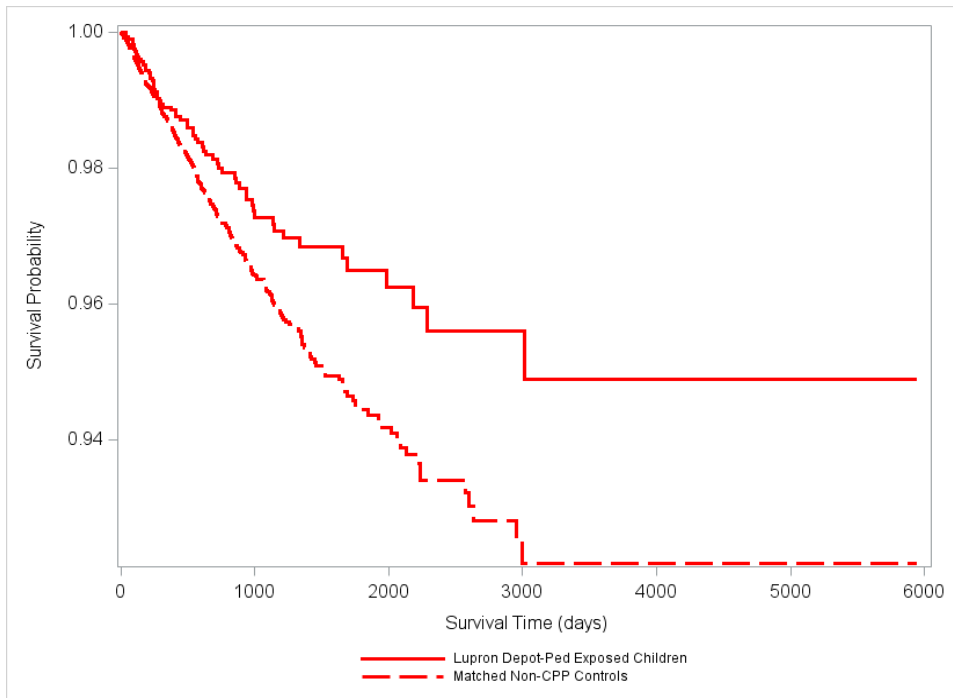
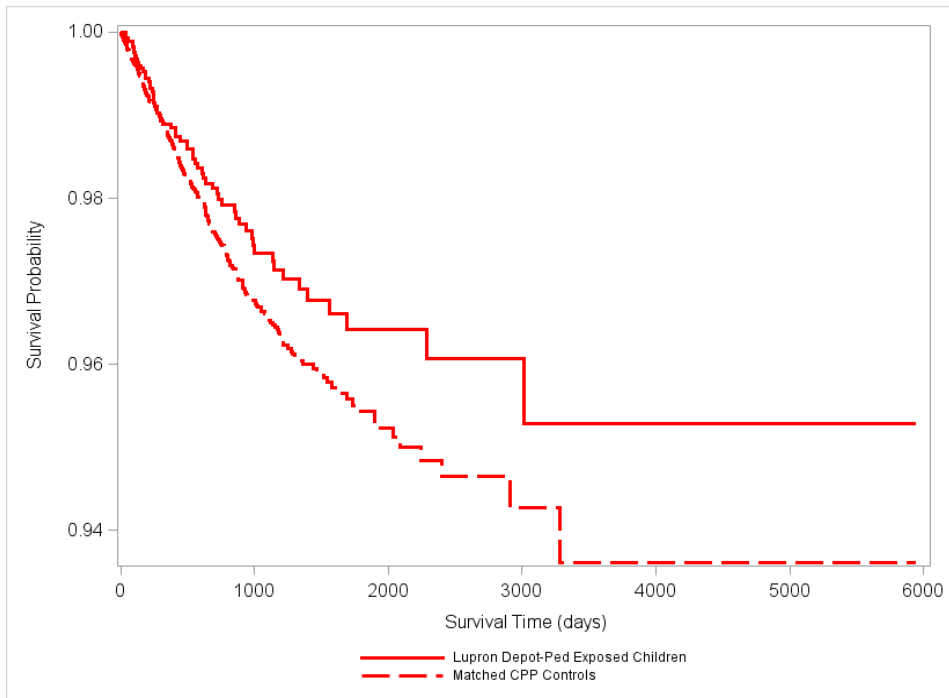


Figure 2. Kaplan Meier Survival Curves for Female Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture, Overall



Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (April 22, 2019)

Data Partner ID	Start Date¹	End Date¹
DP01	01/01/2005	09/30/2017
DP02	01/01/2000	03/31/2018
DP03	01/01/2000	12/31/2017
DP04	06/01/2007	07/31/2018
DP05	01/01/2000	03/31/2016
DP06	01/01/2000	07/31/2017
DP07	01/01/2000	06/30/2018
DP08 ²	01/01/2008	12/31/2017
DP09	01/01/2000	06/30/2018
DP10	01/01/2000	03/31/2018
DP11	01/01/2004	08/31/2018
DP12	01/01/2000	04/30/2018
DP13	01/01/2012	06/30/2017
DP14	01/01/2008	06/30/2018
DP15	01/01/2000	12/31/2017
DP16	01/01/2006	05/31/2018

¹The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

²DP08 did not contribute to the results for top diagnoses and top prescription medications

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

Generic Name	Brand Name
Leuprolide Acetate	
LEUPROLIDE ACETATE	Lupron Depot-Ped
LEUPROLIDE ACETATE	Lupron Depot-Ped (3 month)

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Exposures and Comparators in this Request

Code	Description	Code Category	Code Type
Leuprolide Acetate			
C9430	Leuprolide acetate, per 1 mg, brand name	Procedure	HCPCS
J1950	Injection, leuprolide acetate (for depot suspension), per 3.75 mg	Procedure	HCPCS
J9217	Leuprolide acetate (for depot suspension), 7.5 mg	Procedure	HCPCS
J9218	Leuprolide acetate, per 1 mg	Procedure	HCPCS
Well Child Visit			
99381	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; infant (age younger than 1 year)	Procedure	CPT-4
99382	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; early childhood (age 1 through 4 years)	Procedure	CPT-4
99383	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; late childhood (age 5 through 11 years)	Procedure	CPT-4
99384	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; adolescent (age 12 through 17 years)	Procedure	CPT-4
99385	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; 18-39 years	Procedure	CPT-4
99391	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; infant (age younger than 1 year)	Procedure	CPT-4
99392	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; early childhood (age 1 through 4 years)	Procedure	CPT-4

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Exposures and Comparators in this Request

Code	Description	Code Category	Code Type
99393	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; late childhood (age 5 through 11 years)	Procedure	CPT-4
99394	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; adolescent (age 12 through 17 years)	Procedure	CPT-4
99395	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; 18-39 years	Procedure	CPT-4
V20.2	Routine infant or child health check	Diagnosis	ICD-9-CM
Z00.121	Encounter for routine child health examination with abnormal findings	Diagnosis	ICD-10-CM
Z00.129	Encounter for routine child health examination without abnormal findings	Diagnosis	ICD-10-CM
Central Precocious Puberty			
259.1	Precocious sexual development and puberty, not elsewhere classified	Diagnosis	ICD-9-CM
E30.1	Precocious puberty	Diagnosis	ICD-10-CM
E30.8	Other disorders of puberty	Diagnosis	ICD-10-CM
E22.8	Other hyperfunction of pituitary gland	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
Central Precocious Puberty			
259.1	Precocious sexual development and puberty, not elsewhere classified	Diagnosis	ICD-9-CM
E30.1	Precocious puberty	Diagnosis	ICD-10-CM
E30.8	Other disorders of puberty	Diagnosis	ICD-10-CM
E22.8	Other hyperfunction of pituitary gland	Diagnosis	ICD-10-CM
Leuprolide Acetate			
C9430	Leuprolide acetate, per 1 mg, brand name	Procedure	HCPCS
J1950	Injection, leuprolide acetate (for depot suspension), per 3.75 mg	Procedure	HCPCS
J9217	Leuprolide acetate (for depot suspension), 7.5 mg	Procedure	HCPCS
J9218	Leuprolide acetate, per 1 mg	Procedure	HCPCS
Osteogenesis Imperfecta			
756.51	Osteogenesis imperfecta	Diagnosis	ICD-9-CM
Q78.0	Osteogenesis imperfecta	Diagnosis	ICD-10-CM
Non-Lupron Depot PED Long-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
S9560	Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
All Long-Acting GnRH Agonists			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
S9560	Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
J1675	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
Q2020	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
C9435	Injection, gonadorelin HCl, brand name, per 100 mcg	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
J1620	Injection, gonadorelin HCl, per 100 mcg	Procedure	HCPCS
Drugs that Affect Bone Density			
Anticoagulants			
C9107	INJ TINZAPARIN NAIUM PER 2ML VIAL	Procedure	HCPCS
J0884	INJ ARGATROBN 1 MG ESRD ON DIALYSIS	Procedure	HCPCS
J0883	INJ ARGATROBAN 1 MG NON-ESRD USE	Procedure	HCPCS
C9121	INJECTION ARGATROBAN PER 5 MG	Procedure	HCPCS
J0583	INJECTION BIVALIRUDIN 1 MG	Procedure	HCPCS
C9111	INJECTION BIVALIRUDIN 250 MG-VIAL	Procedure	HCPCS
J1645	INJ DALTEPARIN SODIUM PER 2500 IU	Procedure	HCPCS
J1650	INJECTION ENOXAPARIN SODIUM 10 MG	Procedure	HCPCS
J1652	INJ FONDAPARINUX SODIUM 0.5 MG	Procedure	HCPCS
J1642	INJECTION HEPARIN SODIUM 10 UNITS	Procedure	HCPCS
J1644	INJ HEPARIN SODIUM PER 1000 UNITS	Procedure	HCPCS
J1945	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
Q2021	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
J1655	INJECTION TINZAPARIN SODIUM 1000 IU	Procedure	HCPCS
G8967	WARFARIN/ANR FDA APRV ORAL AC PRESC	Procedure	HCPCS
Bisphosphonates			
J1436	INJ ETIDRONATE DISODIUM PER 300 MG	Procedure	HCPCS
J1740	INJECTION IBANDRONATE SODIUM 1 MG	Procedure	HCPCS
C9229	INJ BANDRONATE SODIUM PER 1 MG	Procedure	HCPCS
J2430	INJ PAMIDRONATE DISODIUM PER 30 MG	Procedure	HCPCS
C9411	INJ PAMIDRONATE DISODUM 30 MG BRAND	Procedure	HCPCS
J3489	INJECTION ZOLEDRONIC ACID 1 MG	Procedure	HCPCS
Q2051	INJECTION ZOLEDRONIC ACID NOS 1 MG	Procedure	HCPCS
C9115	INJECTION ZOLEDRONIC ACID PER 2 MG	Procedure	HCPCS
Q4095	INJ ZOLEDRONIC ACID RECLAST 1 MG	Procedure	HCPCS
J3488	INJ ZOLEDRONICCID RECLAST 1 MG	Procedure	HCPCS
J3487	INJECTION ZOLEDRONICCID ZOMETA 1 MG	Procedure	HCPCS
Anti-Epileptic Drugs			
Q2009	INJ FOSPHENYTOIN 50 MG PHENYTOIN EQ	Procedure	HCPCS
J3360	INJECTION DIAZEPAM UP TO 5 MG	Procedure	HCPCS
S0078	INJ FOSPHENYTOIN SODIUM 750 MG	Procedure	HCPCS
C9254	INJECTION LACOSAMIDE 1 MG	Procedure	HCPCS
C9238	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J1953	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J2560	INJ PHENOBARBITAL SODIUM TO 120 MG	Procedure	HCPCS
J1165	INJ PHENYTOIN SODIUM PER 50 MG	Procedure	HCPCS
Corticosteroids			

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Code	Description	Code Category	Code Type
J7624	BETAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J7634	BUDESONIDE INHAL CP DME 0.25 MG	Procedure	HCPCS
J7627	BUDESONIDE INHAL CP UNIT TO 0.5 MG	Procedure	HCPCS
J7633	BUDESONIDE INHAL NON-CP CNC 0.25 MG	Procedure	HCPCS
J7626	BUDESONIDE INHAL NON-CP U TO 0.5 MG	Procedure	HCPCS
K0512	DEX INHAL SOL ADMIN THRU DME CONCEN	Procedure	HCPCS
K0513	DEX INHAL SOL ADMIN THRU DME U DOSE	Procedure	HCPCS
J7637	DEXAMETHASONE INHAL CP CONC PER MG	Procedure	HCPCS
J7638	DEXAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J8540	DEXAMETHASONE ORAL 0.25 MG	Procedure	HCPCS
S0173	DEXAMETHASONE ORAL 4 MG	Procedure	HCPCS
J7641	FLUNISOLIDE INHAL COMP UNIT PER MG	Procedure	HCPCS
J0702	INJ BETAMETHASONE AC & PHOS 3 MG	Procedure	HCPCS
C9256	INJ DEXAMETH INTRAVITRL IMPL 0.1 MG	Procedure	HCPCS
J1710	INJ HYDROCORTISON SOD PHOS TO 50 MG	Procedure	HCPCS
J1720	INJ HYDROCORTSON SOD SUCC TO 100 MG	Procedure	HCPCS
J2930	INJ METHYLPRDNISLN SODIM TO 125 MG	Procedure	HCPCS
J2920	INJ METHYLPRDNISOLON SODIM TO 40 MG	Procedure	HCPCS
J2640	INJ PREDNISOLONE SODIUM PHOSPHATE T	Procedure	HCPCS
C9469	INJ TAA PF EXT-REL MS F 1 MG	Procedure	HCPCS
J3300	INJ TRIAMCINOLONE ACETONIDE PF 1 MG	Procedure	HCPCS
J0704	INJ BETAMETHSONE SODIM PHOSHAT-4 MG	Procedure	HCPCS
J1094	INJECTION DEXAMETHASONE ACTAT 1 MG	Procedure	HCPCS
J7312	INJ DEXAMETH INTRAVIT IMPL 0.1 MG	Procedure	HCPCS
J1100	INJ DEXMETHOSON SODIM PHOSHATE 1 MG	Procedure	HCPCS
J1700	INJ HYDROCORTISONE ACTAT TO 25 MG	Procedure	HCPCS
J1020	INJ METHYLPRDNISOLONE ACTAT 20 MG	Procedure	HCPCS
J1030	INJ METHYLPRDNISOLONE ACTAT 40 MG	Procedure	HCPCS
J1040	INJ METHYLPRDNISOLONE ACTAT 80 MG	Procedure	HCPCS
J2650	INJ PREDNISOLONE ACETATE TO 1 ML	Procedure	HCPCS
J3301	INJ TRIAMCINOLON ACETONID NOS 10 MG	Procedure	HCPCS
J3302	INJ TRIAMCINOLONE DIACTAT 5 MG	Procedure	HCPCS
J3303	INJ TRIAMCINOLONE HEXACETONIDE 5 MG	Procedure	HCPCS
J1095	INJECTION, DEXAMETHASONE ACETATE, P	Procedure	HCPCS
J1690	INJ PREDNISOLONE TEBUTATE TO 20 MG	Procedure	HCPCS
J7509	METHYLPREDNISOLONE ORAL PER 4 MG	Procedure	HCPCS
S1090	MOMETASONE FUROATE SS IMPL 370 MCG	Procedure	HCPCS
4193F	PT RCV <10MG DAILY PREDNISO	Procedure	CPT-2
4194F	PT RCV =>10MG DAILY PREDNISO	Procedure	CPT-2
J7510	PREDNISOLONE ORAL PER 5 MG	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J7512	PDN IMMED RLSE/DELAY RLSE ORAL 1 MG	Procedure	HCPCS
J7506	PREDNISONE ORAL PER 5 MG	Procedure	HCPCS
J7683	TRIAMCINOLONE INHAL CP CONC PER MG	Procedure	HCPCS
J7684	TRIAMCINOLONE INHAL CP UNIT PER MG	Procedure	HCPCS
K0527	TRIAMCINOLONE INHAL SOL ADMIN THRU	Procedure	HCPCS
K0528	TRIAMCINOLONE INHAL SOL VIA DME U D	Procedure	HCPCS
Chemotherapy			
S0170	ANASTROZOLE ORAL 1 MG	Procedure	HCPCS
S0116	BEVACIZUMAB 100 MG	Procedure	HCPCS
C9417	BLEOMYCIN SULFATE 15 UNITS BRAND	Procedure	HCPCS
S0115	BORTEZOMIB 3.5 MG	Procedure	HCPCS
J8510	BUSULFAN ORAL 2 MG	Procedure	HCPCS
J8520	CAPECITABINE ORAL 150 MG	Procedure	HCPCS
J8521	CAPECITABINE ORAL 500 MG	Procedure	HCPCS
C9437	CARMUSTINE BRAND NAME 100 MG	Procedure	HCPCS
S0172	CHLORAMBUCIL ORAL 2 MG	Procedure	HCPCS
J9062	CISPLATIN 50 MG	Procedure	HCPCS
C9418	CISPLATIN POWDR/SOL PER 10 MG BRAND	Procedure	HCPCS
J7632	CROMOLYN NA I SOL CP PROD UD 10 MG	Procedure	HCPCS
K0511	CROMOLYN SODIUM INHAL SOL VIA DME U	Procedure	HCPCS
J7631	CROMOLYN NA I SOL NONCP UD P 10 MG	Procedure	HCPCS
J7630	CROMOLYN SODIUM PER 20MG	Procedure	HCPCS
J9091	CYCLOPHOSPHAMIDE 1 G	Procedure	HCPCS
J9070	CYCLOPHOSPHAMIDE 100 MG	Procedure	HCPCS
C9420	CYCLOPHOSPHAMIDE 100 MG BRAND NAME	Procedure	HCPCS
J9092	CYCLOPHOSPHAMIDE 2 G	Procedure	HCPCS
J9080	CYCLOPHOSPHAMIDE 200 MG	Procedure	HCPCS
J9090	CYCLOPHOSPHAMIDE 500 MG	Procedure	HCPCS
J9096	CYCLOPHOSPHAMIDE LYOPHILIZED 1 G	Procedure	HCPCS
J9093	CYCLOPHOSPHAMIDE LYOPHILIZED 100 MG	Procedure	HCPCS
C9421	CYCLOPHOSPHAMIDE LYO 100 MG BRAND	Procedure	HCPCS
J9097	CYCLOPHOSPHAMIDE LYOPHILIZED 2 G	Procedure	HCPCS
J9094	CYCLOPHOSPHAMIDE LYOPHILIZED 200 MG	Procedure	HCPCS
J9095	CYCLOPHOSPHAMIDE LYOPHILIZED 500 MG	Procedure	HCPCS
J8530	CYCLOPHOSHAMIDE ORAL 25 MG	Procedure	HCPCS
C9422	CYTARABINE 100 MG BRAND NAME	Procedure	HCPCS
J9130	DACARBAZINE 100 MG	Procedure	HCPCS
C9423	DACARBAZINE 100 MG BRAND NAME	Procedure	HCPCS
J9140	DACARBAZINE 200 MG	Procedure	HCPCS
C1084	DENILEUKIN DIFTITOX 300 MCG ONTAK I	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C9439	DES-DP BRAND NAME 250 MG	Procedure	HCPCS
C9415	DOXORUBICIN HCL 10 MG BRAND NAME	Procedure	HCPCS
J9180	EPIRUBICIN HYDROCHLORIDE 50 MG	Procedure	HCPCS
C9425	ETOPOSIDE 10 MG BRAND NAME	Procedure	HCPCS
J9182	ETOPOSIDE 100 MG	Procedure	HCPCS
J8560	ETOPOSIDE ORAL 50 MG	Procedure	HCPCS
C9414	ETOPOSIDE ORAL 50 MG BRAND NAME	Procedure	HCPCS
J7527	EVEROLIMUS ORAL 0. 25 MG	Procedure	HCPCS
J8561	EVEROLIMUS ORAL 0.25 MG	Procedure	HCPCS
S0156	EXEMESTANE 25 MG	Procedure	HCPCS
C9426	FLOXURIDINE 500 MG BRAND NAME	Procedure	HCPCS
C9262	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
Q2025	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
J8562	FLUDARABINE PHOSPHATE ORAL 10 MG	Procedure	HCPCS
S0175	FLUTAMIDE ORAL 125 MG	Procedure	HCPCS
J8565	GEFITINIB ORAL 250 MG	Procedure	HCPCS
S0176	HYDROXYUREA ORAL 500 MG	Procedure	HCPCS
C9429	IDARUBICIN HCL 5 MG BRAND NAME	Procedure	HCPCS
C9427	IFISFANUDE 1 GM BRAND NAME	Procedure	HCPCS
C9216	INJ ABARELIX INJ SUSP PER 10 MG	Procedure	HCPCS
J9354	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
C9110	INJ ALEMTUZUMAB, PER 10 MG/ ML	Procedure	HCPCS
C9289	INJ ASPARAGINASE ECH 1000 IU	Procedure	HCPCS
J9151	INJ DAUNORUBICIN CITRATE LIP 10 MG	Procedure	HCPCS
J9001	INJ DOXORUBICIN HCL LIPID 10 MG	Procedure	HCPCS
C9004	INJ GEMTUZUMAB OZOGAMICIN PER 5 MG	Procedure	HCPCS
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
C9127	INJ PACLITAXEL PROTEIN BOUND 1 MG	Procedure	HCPCS
C9235	INJ PANITUMUMAB 10 MG	Procedure	HCPCS
J9325	INJ T-VEC PER 1 M PLAQUE FORM UNITS	Procedure	HCPCS
J0128	INJECTION ABARELIX 10 MG	Procedure	HCPCS
S0165	INJECTION ABARELIX 100 MG	Procedure	HCPCS
C9131	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
J9015	INJ ALDESLEUKIN PER SINGLE USE VIAL	Procedure	HCPCS
J0202	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
Q9979	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
J9010	INJECTION ALEMTUZUMAB 10 MG	Procedure	HCPCS
S0087	INJECTION ALEMTUZUMAB 30 MG	Procedure	HCPCS
J9017	INJECTION ARSENIC TRIOXIDE 1 MG	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C9012	INJECTION ARSENIC TRIOXIDE-1 MG/KG	Procedure	HCPCS
J9020	INJECTION ASPARAGINASE 10000 UNITS	Procedure	HCPCS
J9019	INJ ASPARAGINASE ERWINAZE 1000 IU	Procedure	HCPCS
C9483	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
J9022	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
C9491	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9023	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9025	INJECTION AZACITIDINE 1 MG	Procedure	HCPCS
S0168	INJECTION AZACITIDINE 100 MG	Procedure	HCPCS
C9218	INJECTION AZACITIDINE PER 1 MG	Procedure	HCPCS
C9442	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
J9032	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
C9243	INJECTION BENDAMUSTINE HCL 1 MG	Procedure	HCPCS
J9034	INJ BENDAMUSTINE HCL BENDEKA 1 MG	Procedure	HCPCS
J9033	INJ BENDAMUSTINE HCL TREANDA 1 MG	Procedure	HCPCS
C9257	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
Q2024	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
J9035	INJECTION BEVACIZUMAB 10 MG	Procedure	HCPCS
C9214	INJECTION BEVACIZUMAB PER 10 MG	Procedure	HCPCS
J9040	INJECTION BLEOMYCIN SULFATE 15 UNIT	Procedure	HCPCS
C9449	INJECTION BLINATUMOMAB 1 MCG	Procedure	HCPCS
J9039	INJECTION BLINATUMOMAB 1 MICROGRAM	Procedure	HCPCS
J9041	INJECTION BORTEZOMIB 0.1 MG	Procedure	HCPCS
C9207	INJECTION BORTEZOMIB PER 3.5 MG	Procedure	HCPCS
C9287	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J9042	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J0594	INJECTION BUSULFAN 1 MG	Procedure	HCPCS
C1178	INJECTION BUSULFAN PER 6 MG	Procedure	HCPCS
C9276	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9043	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9045	INJECTION CARBOPLATIN 50 MG	Procedure	HCPCS
C9295	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9047	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9050	INJECTION CARMUSTINE 100 MG	Procedure	HCPCS
J9055	INJECTION CETUXIMAB 10 MG	Procedure	HCPCS
C9215	INJECTION CETUXIMAB PER 10 MG	Procedure	HCPCS
J9060	INJ CISPLATIN POWDER/SOLUTION 10 MG	Procedure	HCPCS
J9065	INJECTION CLADRIBINE PER 1 MG	Procedure	HCPCS
C9419	INJECTION CLADRIBINE PER 1 MG BRAND	Procedure	HCPCS
J9027	INJECTION CLOFARABINE 1 MG	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C9129	INJECTION CLOFARABINE PER 1 MG	Procedure	HCPCS
J9100	INJECTION CYTARABINE 100 MG	Procedure	HCPCS
J9110	INJECTION CYTARABINE 500 MG	Procedure	HCPCS
J9098	INJECTION CYTARABINE LIPOSOME 10 MG	Procedure	HCPCS
C1166	INJECTION CYTRABIN LIPOSOME-10 MG	Procedure	HCPCS
J9120	INJECTION DACTINOMYCIN 0.5 MG	Procedure	HCPCS
C9476	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J9145	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J0894	INJECTION DECITABINE 1 MG	Procedure	HCPCS
C9231	INJECTION DECITABINE PER 1 MG	Procedure	HCPCS
J9160	INJ DENILEUKIN DIFTITOX 300 MCG	Procedure	HCPCS
J9165	INJ DIETHYLSTILBESTROL 250 MG	Procedure	HCPCS
J9171	INJECTION DOCETAXEL 1 MG	Procedure	HCPCS
J9170	INJECTION DOCETAXEL 20 MG	Procedure	HCPCS
J9000	INJECTION DOXORUBICIN HCL 10 MG	Procedure	HCPCS
C9492	INJECTION DURVALUMAB 10 MG	Procedure	HCPCS
C9477	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9176	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9178	INJECTION EPIRUBICIN HCL 2 MG	Procedure	HCPCS
C1167	INJ EPIRUBICIN HYDROCHLORID 2 MG	Procedure	HCPCS
J9179	INJECTION ERIBULIN MESYLATE 0.1 MG	Procedure	HCPCS
C9280	INJECTION ERIBULIN MESYLATE 1 MG	Procedure	HCPCS
J9181	INJECTION ETOPOSIDE 10 MG	Procedure	HCPCS
J9200	INJECTION FLOXURIDINE 500 MG	Procedure	HCPCS
J9185	INJ FLUDARABINE PHOSPHATE 50 MG	Procedure	HCPCS
J9190	INJECTION FLUOROURACIL 500 MG	Procedure	HCPCS
J9395	INJECTION FULVESTRANT 25 MG	Procedure	HCPCS
C9120	INJECTION FULVESTRANT PER 50 MG	Procedure	HCPCS
J9201	INJECTION GEMCITABINE HCL 200 MG	Procedure	HCPCS
J9203	INJ GEMTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9300	INJ GEMTUZUMAB OZOGAMICIN 5 MG	Procedure	HCPCS
Q2020	INJECTION HISTRELIN ACETATE 10 MCG	Procedure	HCPCS
J1675	INJ HISTRELIN ACTAT 10 MICROGMS	Procedure	HCPCS
J9211	INJECTION IDARUBICIN HCL 5 MG	Procedure	HCPCS
J9208	INJECTION IFOSFAMIDE 1 G	Procedure	HCPCS
C9028	INJ INOTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9213	INJ INTERFERON ALFA-2A RECOM 3 M U	Procedure	HCPCS
J9214	INJ INTERFERON ALFA-2B RECOMB 1 M U	Procedure	HCPCS
C9284	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS
J9228	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C9240	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
J9207	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
C9024	INJ LIP 1 MG DNR & 2.27 MG CY	Procedure	HCPCS
J9230	INJECTION MECHLORETHAMINE HCL 10 MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
J9245	INJECTION MELPHALAN HCL 50 MG	Procedure	HCPCS
J9280	INJECTION MITOMYCIN 5 MG	Procedure	HCPCS
J9293	INJECTION MITOXANTRONE HCL PER 5 MG	Procedure	HCPCS
C9475	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9295	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9261	INJECTION NELARABINE 50 MG	Procedure	HCPCS
C9453	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
J9299	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
C9021	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
J9301	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
C9260	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
J9302	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
C9485	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS
J9285	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS
J9262	INJ OMACETAXINE MEPESUCCINAT .01 MG	Procedure	HCPCS
C9297	INJ OMACETAZN MEPESUCCINATE 0.01 MG	Procedure	HCPCS
J9263	INJECTION OXALIPLATIN 0.5 MG	Procedure	HCPCS
J9267	INJECTION PACLITAXEL 1 MG	Procedure	HCPCS
J9265	INJECTION PACLITAXEL 30 MG	Procedure	HCPCS
J9264	INJ PACLITAXEL PROTBND PARTICL 1 MG	Procedure	HCPCS
J9303	INJECTION PANITUMUMAB 10 MG	Procedure	HCPCS
J9266	INJ PEGASPARGASE SINGLE DOSE VIAL	Procedure	HCPCS
C9027	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9271	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9268	INJECTION PENTOSTATIN 10 MG	Procedure	HCPCS
J9306	INJECTION PERTUZUMAB 1 MG	Procedure	HCPCS
C9292	INJECTION PERTUZUMAB 10 MG	Procedure	HCPCS
J9270	INJECTION PLICAMYCIN 2.5 MG	Procedure	HCPCS
J9600	INJECTION PORFIMER SODIUM 75 MG	Procedure	HCPCS
C9259	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
J9307	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
C9025	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9308	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9310	INJECTION RITUXIMAB 100 MG	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C9467	INJ RITUXIMAB & HYALURONIDASE 10 MG	Procedure	HCPCS
C9265	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
J9315	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
C9455	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J2860	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J9320	INJECTION STREPTOZOCIN 1 G	Procedure	HCPCS
C9472	INJ TALIMOGEN LAHERPAREPVEC 1 M PFU	Procedure	HCPCS
J9328	INJECTION TEMOZOLOMIDE 1 MG	Procedure	HCPCS
C9253	INJECTION TEMOZOLOMIDE 1MG	Procedure	HCPCS
C9239	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
J9330	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
Q2017	INJECTION TENIPOSIDE 50 MG	Procedure	HCPCS
J9340	INJECTION THIOTEPA 15 MG	Procedure	HCPCS
C9480	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9352	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9355	INJECTION TRASTUZUMAB 10 MG	Procedure	HCPCS
J3315	INJ TRIPTORELIN PAMOATE 3.75 MG	Procedure	HCPCS
J9357	INJ VALRUBICIN INTRAVESICAL 200 MG	Procedure	HCPCS
J9360	INJECTION VINBLASTINE SULFATE 1 MG	Procedure	HCPCS
J9371	INJ VINCRISTINE SULF LIPOSOME 1 MG	Procedure	HCPCS
J9390	INJ VINOURELBINE TARTRATE 10 MG	Procedure	HCPCS
C9296	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS
J9400	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS
J9219	LEUPROLIDE ACETATE IMPLANT 65 MG	Procedure	HCPCS
S0177	LEVAMISOLE HYDROCHLORIDE ORAL 50 MG	Procedure	HCPCS
S0178	LOMUSTINE ORAL 10 MG	Procedure	HCPCS
C9017	LOMUSTINE, 10 MG	Procedure	HCPCS
S0179	MEGESTROL ACETATE ORAL 20 MG	Procedure	HCPCS
J8600	MELPHALAN ORAL 2 MG	Procedure	HCPCS
S0108	MERCAPTOPURINE ORAL 50 MG	Procedure	HCPCS
J8610	METHOTREXATE ORAL 2.5 MG	Procedure	HCPCS
J9250	METHOTREXATE SODIUM 5 MG	Procedure	HCPCS
J9260	METHOTREXATE SODIUM 50 MG	Procedure	HCPCS
J9290	MITOMYCIN 20 MG	Procedure	HCPCS
J9291	MITOMYCIN 40 MG	Procedure	HCPCS
C9432	MITOMYCIN 5 MG BRAND NAME	Procedure	HCPCS
J7315	MITOMYCIN OPHTHALMIC 0. 2 MG	Procedure	HCPCS
S1016	NON-PVC IV ADMN SET RX NOT STABLE	Procedure	HCPCS
C9205	OXALIPLATIN INJ OXALIPLATIN-5 MG	Procedure	HCPCS
C9431	PACLITAXEL 30 MG BRAND NAME	Procedure	HCPCS

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Code	Description	Code Category	Code Type
S0182	PROCARBAZINE HYDROCHLORD ORAL 50 MG	Procedure	HCPCS
A9604	SM-153 LEXIDRONAM TX TO 150 MCI	Procedure	HCPCS
A9605	SAMARIUM SM-153 LEXIDRONM TX 50 MCI	Procedure	HCPCS
C9401	SPL RP STRONTIUM-89 CL BRAND-MCI	Procedure	HCPCS
S0187	TAMOXIFEN CITRATE ORAL 10 MG	Procedure	HCPCS
C1086	TEMOZOLOMIDE 5 MG TEMODAR	Procedure	HCPCS
J8700	TEMOZOLOMIDE ORAL 5 MG	Procedure	HCPCS
C9433	THIOTEPA 15 MG BRAND NAME	Procedure	HCPCS
J9370	VINCRISTINE SULFATE 1 MG	Procedure	HCPCS
J9375	VINCRISTINE SULFATE 2 MG	Procedure	HCPCS
J9380	VINCRISTINE SULFATE 5 MG	Procedure	HCPCS
C9440	VINORELBINE TARTRATE BRAND 10 MG	Procedure	HCPCS
Cyclosporine			
J7502	CYCLOSPORINE ORAL 100 MG	Procedure	HCPCS
C9438	CYCLOSPORINE ORAL 100 MG BRAND NAME	Procedure	HCPCS
J7515	CYCLOSPORINE ORAL 25 MG	Procedure	HCPCS
J7516	CYCLOSPORINE PARENTERAL 250 MG	Procedure	HCPCS
K0122	CYCLOSPORINE, PARENTERAL, 250 MG	Procedure	HCPCS
Medroxyprogesterone			
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
Loop Diuretics			
S0171	INJECTION BUMETANIDE 0.5 MG	Procedure	HCPCS
J1940	INJECTION FUROSEMIDE UP TO 20 MG	Procedure	HCPCS
J3265	INJECTION TORSEMIDE 10 MG/ML	Procedure	HCPCS
Proton Pump Inhibitors			
S0164	INJECTION PANTOPRAZOLE SODIUM 40 MG	Procedure	HCPCS
C9113	INJECTION PANTOPRAZOLE SODIUM-VIAL	Procedure	HCPCS
Thiazide Diuretics			
J1205	INJ CHLOROTHIAZIDE SODIUM 500 MG	Procedure	HCPCS
Beta Blockers			
J1800	INJECTION PROPRANOLOL HCL TO 1 MG	Procedure	HCPCS
Gender Dysphoria			
259.9	Unspecified endocrine disorder	Diagnosis	ICD-9-CM
302.6	Gender identity disorder in children	Diagnosis	ICD-9-CM
302.85	Gender identity disorder in adolescents or adults	Diagnosis	ICD-9-CM
302.9	Unspecified psychosexual disorder	Diagnosis	ICD-9-CM
E34.9	Endocrine disorder, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F64.2	Gender identity disorder of childhood	Diagnosis	ICD-10-CM
F64.8	Other gender identity disorders	Diagnosis	ICD-10-CM
F64.9	Gender identity disorder, unspecified	Diagnosis	ICD-10-CM
Fractures			
733.1	Pathologic fracture	Diagnosis	ICD-9-CM
800	Fracture of vault of skull	Diagnosis	ICD-9-CM
800.0	Closed fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
800.00	Closed fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.01	Closed fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.02	Closed fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.03	Closed fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.04	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.05	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.06	Closed fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.09	Closed fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.1	Closed fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.10	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.11	Closed fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.12	Closed fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.13	Closed fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.14	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.15	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.16	Closed fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.19	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.2	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.20	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.21	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.22	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.23	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.24	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.25	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.26	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.29	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.3	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.30	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.31	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.32	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.33	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.34	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.35	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.36	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.39	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.4	Closed fracture of vault of skull with intercranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.40	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.41	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.42	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.43	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.44	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.45	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.46	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.49	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
800.5	Open fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
800.50	Open fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.51	Open fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.52	Open fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.53	Open fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.54	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.55	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.56	Open fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.59	Open fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.6	Open fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.60	Open fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.61	Open fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.62	Open fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.63	Open fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.64	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.65	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.66	Open fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.69	Open fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.7	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.70	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.71	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.72	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.73	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.74	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.75	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.76	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.79	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.8	Open fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.80	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.81	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.82	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.83	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.84	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.85	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.86	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.89	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.9	Open fracture of vault of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.90	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.91	Open fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.92	Open fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.93	Open fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.94	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.95	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.96	Open fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.99	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801	Fracture of base of skull	Diagnosis	ICD-9-CM
801.0	Closed fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.00	Closed fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.01	Closed fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.02	Closed fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.03	Closed fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.04	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.05	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.06	Closed fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.09	Closed fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.1	Closed fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.10	Closed fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.11	Closed fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.12	Closed fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.13	Closed fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.14	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.15	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.16	Closed fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.19	Closed fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.2	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.20	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.21	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.22	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.23	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.24	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.25	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.26	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.29	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.3	Closed fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.30	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.31	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.32	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.33	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.34	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.35	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
801.36	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.39	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.4	Closed fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.40	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.41	Closed fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.42	Closed fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.43	Closed fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.44	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.45	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.46	Closed fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.49	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801.5	Open fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.50	Open fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.51	Open fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.52	Open fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.53	Open fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.54	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.55	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.56	Open fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.59	Open fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.6	Open fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.60	Open fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.61	Open fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.62	Open fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.63	Open fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.64	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.65	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.66	Open fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.69	Open fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.7	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.70	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.71	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.72	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.73	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.74	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.75	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.76	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.79	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.8	Open fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.80	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.81	Open fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.82	Open fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.83	Open fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.84	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.85	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.86	Open fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.89	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.9	Open fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.90	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.91	Open fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.92	Open fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.93	Open fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.94	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.95	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.96	Open fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.99	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
802	Fracture of face bones	Diagnosis	ICD-9-CM
802.0	Nasal bones, closed fracture	Diagnosis	ICD-9-CM
802.1	Nasal bones, open fracture	Diagnosis	ICD-9-CM
802.2	Mandible, closed fracture	Diagnosis	ICD-9-CM
802.20	Closed fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.21	Closed fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.22	Closed fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.23	Closed fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.24	Closed fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.25	Closed fracture of angle of jaw	Diagnosis	ICD-9-CM
802.26	Closed fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.27	Closed fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.28	Closed fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.29	Closed fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.3	Mandible, open fracture	Diagnosis	ICD-9-CM
802.30	Open fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.31	Open fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.32	Open fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.33	Open fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.34	Open fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.35	Open fracture of angle of jaw	Diagnosis	ICD-9-CM
802.36	Open fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.37	Open fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.38	Open fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.39	Open fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.4	Malar and maxillary bones, closed fracture	Diagnosis	ICD-9-CM
802.5	Malar and maxillary bones, open fracture	Diagnosis	ICD-9-CM
802.6	Orbital floor (blow-out), closed fracture	Diagnosis	ICD-9-CM
802.7	Orbital floor (blow-out), open fracture	Diagnosis	ICD-9-CM
802.8	Other facial bones, closed fracture	Diagnosis	ICD-9-CM
802.9	Other facial bones, open fracture	Diagnosis	ICD-9-CM
803	Other and unqualified skull fractures	Diagnosis	ICD-9-CM
803.0	Other closed skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.00	Other closed skull fracture without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.01	Other closed skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.02	Other closed skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.03	Other closed skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.04	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.05	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.06	Other closed skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.09	Other closed skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.1	Other closed skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.10	Other closed skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.11	Other closed skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
803.12	Other closed skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.13	Other closed skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.14	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.15	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.16	Other closed skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.19	Other closed skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.2	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.20	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.21	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.22	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.23	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.24	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.25	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.26	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.29	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.3	Closed skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.30	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified state of unconsciousness	Diagnosis	ICD-9-CM
803.31	Other closed skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.32	Other closed skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.33	Other closed skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.34	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.35	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.36	Other closed skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.39	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.4	Other closed skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.40	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.41	Other closed skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.42	Other closed skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.43	Other closed skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.44	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.45	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.46	Other closed skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.49	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
803.5	Other open skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.50	Other open skull fracture without mention of injury, state of consciousness unspecified	Diagnosis	ICD-9-CM
803.51	Other open skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.52	Other open skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.53	Other open skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.54	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.55	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.56	Other open skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.59	Other open skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.6	Other open skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.60	Other open skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.61	Other open skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.62	Other open skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.63	Other open skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.64	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.65	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.66	Other open skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.69	Other open skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.7	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.70	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.71	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.72	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.73	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.74	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.75	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.76	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.79	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.8	Other open skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.80	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.81	Other open skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.82	Other open skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.83	Other open skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.84	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.85	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.86	Other open skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.89	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.9	Other open skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.90	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.91	Other open skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.92	Other open skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.93	Other open skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.94	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.95	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.96	Other open skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.99	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804	Multiple fractures involving skull or face with other bones	Diagnosis	ICD-9-CM
804.0	Closed fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.00	Closed fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.01	Closed fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.02	Closed fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.03	Closed fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.04	Closed fractures involving skull or face with other bones, without mention or intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.05	Closed fractures involving skull of face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.06	Closed fractures involving skull of face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.09	Closed fractures involving skull of face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
804.1	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.10	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.11	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.12	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.13	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.14	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.15	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.16	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.19	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.2	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.20	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.21	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.22	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.23	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.24	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.25	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.26	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.29	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.3	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.30	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.31	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.32	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.33	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.34	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to preexisting conscious level	Diagnosis	ICD-9-CM
804.35	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.36	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.39	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.4	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.40	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.41	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.42	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.43	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.44	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.45	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.46	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.49	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804.5	Open fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.50	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.51	Open fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
804.52	Open fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.53	Open fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.54	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.55	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.56	Open fractures involving skull or face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.59	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.6	Open fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.60	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.61	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.62	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.63	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.64	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.65	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.66	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.69	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.7	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.70	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.71	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.72	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.73	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.74	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.75	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.76	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.79	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.8	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.80	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.81	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.82	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.83	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.84	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.85	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.86	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.89	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.9	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.90	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.91	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.92	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.93	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.94	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.95	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing level	Diagnosis	ICD-9-CM
804.96	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.99	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
805	Fracture of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.0	Closed fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.00	Closed fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.01	Closed fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.02	Closed fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.03	Closed fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.04	Closed fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.05	Closed fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.06	Closed fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.07	Closed fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.08	Closed fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.1	Open fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.10	Open fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.11	Open fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.12	Open fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.13	Open fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.14	Open fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.15	Open fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.16	Open fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.17	Open fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.18	Open fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.3	Open fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.5	Open fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
805.6	Closed fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.7	Open fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.8	Closed fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.9	Open fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
806	Fracture of vertebral column with spinal cord injury	Diagnosis	ICD-9-CM
806.0	Closed fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.00	Closed fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.01	Closed fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.02	Closed fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.03	Closed fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.04	Closed fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.05	Closed fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.06	Closed fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.07	Closed fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.08	Closed fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.09	Closed fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.1	Open fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.10	Open fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.11	Open fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.12	Open fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.13	Open fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.14	Open fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.15	Open fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.16	Open fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.17	Open fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.18	Open fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.19	Open fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.2	Closed fracture of dorsal (thoracic) vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.20	Closed fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.21	Closed fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.22	Closed fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.23	Closed fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.24	Closed fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.25	Closed fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.26	Closed fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.27	Closed fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.28	Closed fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.29	Closed fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
806.3	Open fracture of dorsal vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.30	Open fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.31	Open fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.32	Open fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.33	Open fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.34	Open fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.35	Open fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.36	Open fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.37	Open fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.38	Open fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.39	Open fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.4	Closed fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.5	Open fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.6	Closed fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.60	Closed fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.61	Closed fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.62	Closed fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.69	Closed fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.7	Open fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.70	Open fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.71	Open fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.72	Open fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.79	Open fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.8	Closed fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.9	Open fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
807	Fracture of rib(s), sternum, larynx, and trachea	Diagnosis	ICD-9-CM
807.0	Closed fracture of rib(s)	Diagnosis	ICD-9-CM
807.00	Closed fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.01	Closed fracture of one rib	Diagnosis	ICD-9-CM
807.02	Closed fracture of two ribs	Diagnosis	ICD-9-CM
807.03	Closed fracture of three ribs	Diagnosis	ICD-9-CM
807.04	Closed fracture of four ribs	Diagnosis	ICD-9-CM
807.05	Closed fracture of five ribs	Diagnosis	ICD-9-CM
807.06	Closed fracture of six ribs	Diagnosis	ICD-9-CM
807.07	Closed fracture of seven ribs	Diagnosis	ICD-9-CM
807.08	Closed fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.09	Closed fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.1	Open fracture of rib(s)	Diagnosis	ICD-9-CM
807.10	Open fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.11	Open fracture of one rib	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
807.12	Open fracture of two ribs	Diagnosis	ICD-9-CM
807.13	Open fracture of three ribs	Diagnosis	ICD-9-CM
807.14	Open fracture of four ribs	Diagnosis	ICD-9-CM
807.15	Open fracture of five ribs	Diagnosis	ICD-9-CM
807.16	Open fracture of six ribs	Diagnosis	ICD-9-CM
807.17	Open fracture of seven ribs	Diagnosis	ICD-9-CM
807.18	Open fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.19	Open fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.2	Closed fracture of sternum	Diagnosis	ICD-9-CM
807.3	Open fracture of sternum	Diagnosis	ICD-9-CM
807.4	Flail chest	Diagnosis	ICD-9-CM
807.5	Closed fracture of larynx and trachea	Diagnosis	ICD-9-CM
807.6	Open fracture of larynx and trachea	Diagnosis	ICD-9-CM
808	Fracture of pelvis	Diagnosis	ICD-9-CM
808.0	Closed fracture of acetabulum	Diagnosis	ICD-9-CM
808.1	Open fracture of acetabulum	Diagnosis	ICD-9-CM
808.2	Closed fracture of pubis	Diagnosis	ICD-9-CM
808.3	Open fracture of pubis	Diagnosis	ICD-9-CM
808.4	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.41	Closed fracture of ilium	Diagnosis	ICD-9-CM
808.42	Closed fracture of ischium	Diagnosis	ICD-9-CM
808.43	Multiple closed pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.44	Multiple closed pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.49	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.5	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.51	Open fracture of ilium	Diagnosis	ICD-9-CM
808.52	Open fracture of ischium	Diagnosis	ICD-9-CM
808.53	Multiple open pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.54	Multiple open pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.59	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.8	Unspecified closed fracture of pelvis	Diagnosis	ICD-9-CM
808.9	Unspecified open fracture of pelvis	Diagnosis	ICD-9-CM
809	Ill-defined fractures of bones of trunk	Diagnosis	ICD-9-CM
809.0	Fracture of bones of trunk, closed	Diagnosis	ICD-9-CM
809.1	Fracture of bones of trunk, open	Diagnosis	ICD-9-CM
810	Fracture of clavicle	Diagnosis	ICD-9-CM
810.0	Closed fracture of clavicle	Diagnosis	ICD-9-CM
810.00	Unspecified part of closed fracture of clavicle	Diagnosis	ICD-9-CM
810.01	Closed fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.02	Closed fracture of shaft of clavicle	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
810.03	Closed fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
810.1	Open fracture of clavicle	Diagnosis	ICD-9-CM
810.10	Unspecified part of open fracture of clavicle	Diagnosis	ICD-9-CM
810.11	Open fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.12	Open fracture of shaft of clavicle	Diagnosis	ICD-9-CM
810.13	Open fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
811	Fracture of scapula	Diagnosis	ICD-9-CM
811.0	Closed fracture of scapula	Diagnosis	ICD-9-CM
811.00	Closed fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.01	Closed fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.02	Closed fracture of coracoid process of scapula	Diagnosis	ICD-9-CM
811.03	Closed fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.09	Closed fracture of other part of scapula	Diagnosis	ICD-9-CM
811.1	Open fracture of scapula	Diagnosis	ICD-9-CM
811.10	Open fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.11	Open fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.12	Open fracture of coracoid process	Diagnosis	ICD-9-CM
811.13	Open fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.19	Open fracture of other part of scapula	Diagnosis	ICD-9-CM
812	Fracture of humerus	Diagnosis	ICD-9-CM
812.0	Closed fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.00	Closed fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.01	Closed fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.02	Closed fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.03	Closed fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.09	Other closed fractures of upper end of humerus	Diagnosis	ICD-9-CM
812.1	Open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.2	Closed fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.20	Closed fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.21	Closed fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.3	Open fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.4	Closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.40	Closed fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
812.41	Closed fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.42	Closed fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.43	Closed fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.44	Closed fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.49	Other closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.5	Open fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.50	Open fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.51	Open fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.52	Open fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.53	Open fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.54	Open fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.59	Other open fracture of lower end of humerus	Diagnosis	ICD-9-CM
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813.0	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.00	Unspecified fracture of radius and ulna, upper end of forearm, closed	Diagnosis	ICD-9-CM
813.01	Closed fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.02	Closed fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.03	Closed Monteggia's fracture	Diagnosis	ICD-9-CM
813.04	Other and unspecified closed fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.05	Closed fracture of head of radius	Diagnosis	ICD-9-CM
813.06	Closed fracture of neck of radius	Diagnosis	ICD-9-CM
813.07	Other and unspecified closed fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.08	Closed fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.1	Open fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.10	Unspecified open fracture of upper end of forearm	Diagnosis	ICD-9-CM
813.11	Open fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.12	Open fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.13	Open Monteggia's fracture	Diagnosis	ICD-9-CM
813.14	Other and unspecified open fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.15	Open fracture of head of radius	Diagnosis	ICD-9-CM
813.16	Open fracture of neck of radius	Diagnosis	ICD-9-CM
813.17	Other and unspecified open fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.18	Open fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.2	Closed fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.20	Unspecified closed fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.21	Closed fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.22	Closed fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.23	Closed fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.3	Open fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.30	Unspecified open fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
813.31	Open fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.32	Open fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.33	Open fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.4	Closed fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.40	Unspecified closed fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.41	Closed Colles' fracture	Diagnosis	ICD-9-CM
813.42	Other closed fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.43	Closed fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.44	Closed fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.45	Torus fracture of radius (alone)	Diagnosis	ICD-9-CM
813.46	Torus fracture of ulna (alone)	Diagnosis	ICD-9-CM
813.47	Torus fracture of radius and ulna	Diagnosis	ICD-9-CM
813.5	Open fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.50	Unspecified open fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.51	Open Colles' fracture	Diagnosis	ICD-9-CM
813.52	Other open fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.53	Open fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.54	Open fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.8	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.80	Closed fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.81	Closed fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.82	Closed fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.83	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.9	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.90	Open fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.91	Open fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.92	Open fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.93	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
814	Fracture of carpal bone(s)	Diagnosis	ICD-9-CM
814.0	Closed fractures of carpal bones	Diagnosis	ICD-9-CM
814.00	Unspecified closed fracture of carpal bone	Diagnosis	ICD-9-CM
814.01	Closed fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.02	Closed fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.03	Closed fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.04	Closed fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.05	Closed fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.06	Closed fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.07	Closed fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.08	Closed fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.09	Closed fracture of other bone of wrist	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
814.1	Open fractures of carpal bones	Diagnosis	ICD-9-CM
814.10	Unspecified open fracture of carpal bone	Diagnosis	ICD-9-CM
814.11	Open fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.12	Open fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.13	Open fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.14	Open fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.15	Open fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.16	Open fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.17	Open fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.18	Open fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.19	Open fracture of other bone of wrist	Diagnosis	ICD-9-CM
815	Fracture of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.0	Closed fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.00	Closed fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.01	Closed fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.02	Closed fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.03	Closed fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.04	Closed fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.09	Closed fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM
815.1	Open fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.10	Open fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.11	Open fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.12	Open fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.13	Open fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.14	Open fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.19	Open fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM
816	Fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.0	Closed fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.00	Closed fracture of unspecified phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.01	Closed fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.02	Closed fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.03	Closed fracture of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.1	Open fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.10	Open fracture of phalanx or phalanges of hand, unspecified	Diagnosis	ICD-9-CM
816.11	Open fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.12	Open fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.13	Open fractures of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
817	Multiple fractures of hand bones	Diagnosis	ICD-9-CM
817.0	Multiple closed fractures of hand bones	Diagnosis	ICD-9-CM
817.1	Multiple open fractures of hand bones	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
818	Ill-defined fractures of upper limb	Diagnosis	ICD-9-CM
818.0	Ill-defined closed fractures of upper limb	Diagnosis	ICD-9-CM
818.1	Ill-defined open fractures of upper limb	Diagnosis	ICD-9-CM
819	Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.0	Multiple closed fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.1	Multiple open fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.00	Closed fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.01	Closed fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.02	Closed fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.03	Closed fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.09	Other closed transcervical fracture of femur	Diagnosis	ICD-9-CM
820.1	Open transcervical fracture	Diagnosis	ICD-9-CM
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.2	Closed pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.20	Closed fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.21	Closed fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.22	Closed fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.3	Open pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.8	Closed fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
821	Fracture of other and unspecified parts of femur	Diagnosis	ICD-9-CM
821.0	Closed fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.00	Closed fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.01	Closed fracture of shaft of femur	Diagnosis	ICD-9-CM
821.1	Open fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
821.2	Closed fracture of lower end of femur	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.21	Closed fracture of femoral condyle	Diagnosis	ICD-9-CM
821.22	Closed fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.23	Closed supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.29	Other closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.3	Open fracture of lower end of femur	Diagnosis	ICD-9-CM
821.30	Open fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.31	Open fracture of femoral condyle	Diagnosis	ICD-9-CM
821.32	Open fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.33	Open supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.39	Other open fracture of lower end of femur	Diagnosis	ICD-9-CM
822	Fracture of patella	Diagnosis	ICD-9-CM
822.0	Closed fracture of patella	Diagnosis	ICD-9-CM
822.1	Open fracture of patella	Diagnosis	ICD-9-CM
823	Fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.0	Closed fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.00	Closed fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.01	Closed fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.02	Closed fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.1	Open fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.10	Open fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.11	Open fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.12	Open fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.2	Closed fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.20	Closed fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.21	Closed fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.22	Closed fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.3	Open fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.30	Open fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.31	Open fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.32	Open fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.4	Torus fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.40	Torus fracture of tibia alone	Diagnosis	ICD-9-CM
823.41	Torus fracture of fibula alone	Diagnosis	ICD-9-CM
823.42	Torus fracture of fibula with tibia	Diagnosis	ICD-9-CM
823.8	Closed fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM
823.80	Closed fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.81	Closed fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.82	Closed fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
823.9	Open fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
823.90	Open fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.91	Open fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.92	Open fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
824	Fracture of ankle	Diagnosis	ICD-9-CM
824.0	Closed fracture of medial malleolus	Diagnosis	ICD-9-CM
824.1	Open fracture of medial malleolus	Diagnosis	ICD-9-CM
824.2	Closed fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.3	Open fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.4	Closed bimalleolar fracture	Diagnosis	ICD-9-CM
824.5	Open bimalleolar fracture	Diagnosis	ICD-9-CM
824.6	Closed trimalleolar fracture	Diagnosis	ICD-9-CM
824.7	Open trimalleolar fracture	Diagnosis	ICD-9-CM
824.8	Unspecified closed fracture of ankle	Diagnosis	ICD-9-CM
824.9	Unspecified open fracture of ankle	Diagnosis	ICD-9-CM
825	Fracture of one or more tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.0	Closed fracture of calcaneus	Diagnosis	ICD-9-CM
825.1	Open fracture of calcaneus	Diagnosis	ICD-9-CM
825.2	Closed fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.20	Closed fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.21	Closed fracture of astragalus	Diagnosis	ICD-9-CM
825.22	Closed fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.23	Closed fracture of cuboid bone	Diagnosis	ICD-9-CM
825.24	Closed fracture of cuneiform bone of foot	Diagnosis	ICD-9-CM
825.25	Closed fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.29	Other closed fracture of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.3	Open fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.30	Open fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.31	Open fracture of astragalus	Diagnosis	ICD-9-CM
825.32	Open fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.33	Open fracture of cuboid bone	Diagnosis	ICD-9-CM
825.34	Open fracture of cuneiform bone of foot,	Diagnosis	ICD-9-CM
825.35	Open fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.39	Other open fractures of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
826	Fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.0	Closed fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.1	Open fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
827	Other, multiple, and ill-defined fractures of lower limb	Diagnosis	ICD-9-CM
827.0	Other, multiple and ill-defined closed fractures of lower limb	Diagnosis	ICD-9-CM
827.1	Other, multiple and ill-defined open fractures of lower limb	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
828	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.0	Multiple closed fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.1	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum, open	Diagnosis	ICD-9-CM
829	Fracture of unspecified bones	Diagnosis	ICD-9-CM
829.0	Closed fracture of unspecified bone	Diagnosis	ICD-9-CM
829.1	Open fracture of unspecified bone	Diagnosis	ICD-9-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
S02.101A	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
S02.102A	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
S02.109A	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
S02.110A	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
S02.111A	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
S02.112A	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
S02.113A	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
S02.118A	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
S02.119A	Unspecified fracture of occiput, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.119B	Unspecified fracture of occiput, initial encounter for open fracture	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
S02.11BA	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
S02.11CA	Type II occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.11CB	Type II occipital condyle fracture, right side, initial encounter for open fracture	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
S02.11EA	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
S02.11FA	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
S02.11GA	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
S02.11HA	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
S02.19XA	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
S02.2XXA	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
S02.30XA	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
S02.31XA	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
S02.32XA	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
S02.400A	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
S02.401A	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
S02.402A	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
S02.40AA	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
S02.40BA	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
S02.40CA	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
S02.40DA	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
S02.40EA	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
S02.40FA	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
S02.411A	LeFort I fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.411B	LeFort I fracture, initial encounter for open 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
S02.413A	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
S02.42XA	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
S02.600A	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
S02.601A	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
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
S02.609A	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
S02.610A	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
S02.611A	Fracture of condylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.611B	Fracture of condylar process of right mandible, initial encounter for open fracture	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
S02.620A	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
S02.621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.622A	Fracture of subcondylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.622B	Fracture of subcondylar process of left mandible, initial encounter for open fracture	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
S02.631A	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
S02.632A	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
S02.640A	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
S02.641A	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
S02.642A	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
S02.650A	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
S02.651A	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
S02.652A	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
S02.66XA	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
S02.670A	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
S02.671A	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
S02.672A	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
S02.69XA	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

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Code	Description	Code Category	Code Type
S02.80XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture	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
S02.82XA	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
S02.91XA	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
S02.92XA	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
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	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
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.336A	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
S06.337A	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
S06.338A	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
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	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
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
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
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.366A	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
S06.367A	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
S06.368A	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
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X6A	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
S06.4X7A	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

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Code	Description	Code Category	Code Type
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
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.5X6A	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
S06.5X7A	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
S06.5X8A	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
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.6X6A	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

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Code	Description	Code Category	Code Type
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
S06.6X8A	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
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	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
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.896A	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
S06.897A	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
S06.898A	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
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.9X6A	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

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Code	Description	Code Category	Code Type
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
S06.9X8A	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
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	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
S12.001A	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
S12.01XA	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
S12.02XA	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
S12.030A	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
S12.031A	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
S12.040A	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
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S12.100A	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
S12.101A	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
S12.110A	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
S12.111A	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
S12.112A	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
S12.120A	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
S12.121A	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
S12.130A	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
S12.131A	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
S12.14XA	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
S12.150A	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
S12.151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
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
S12.191A	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
S12.200A	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
S12.201A	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
S12.230A	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
S12.231A	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
S12.24XA	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
S12.250A	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
S12.251A	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
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture	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
S12.300A	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
S12.301A	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
S12.330A	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
S12.331A	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
S12.34XA	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
S12.350A	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
S12.351A	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
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
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	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
S12.401A	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
S12.430A	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
S12.431A	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
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	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
S12.451A	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
S12.490A	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
S12.491A	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
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture	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
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	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
S12.54XA	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
S12.550A	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
S12.551A	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
S12.590A	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
S12.591A	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
S12.600A	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
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	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
S12.631A	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
S12.64XA	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
S12.650A	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
S12.651A	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
S12.690A	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
S12.691A	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
S12.8XXA	Fracture of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	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
S22.001A	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
S22.002A	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

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Code	Description	Code Category	Code Type
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
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	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
S22.011A	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
S22.012A	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
S22.018A	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
S22.019A	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
S22.020A	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
S22.021A	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
S22.022A	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
S22.028A	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
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture	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
S22.031A	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
S22.032A	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
S22.038A	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
S22.039A	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
S22.040A	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
S22.041A	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
S22.042A	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
S22.048A	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
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
S22.050A	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

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Code	Description	Code Category	Code Type
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
S22.052A	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
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
S22.059A	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
S22.060A	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
S22.061A	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
S22.062A	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
S22.068A	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
S22.069A	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
S22.070A	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
S22.071A	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
S22.072A	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
S22.078A	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
S22.079A	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
S22.080A	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
S22.081A	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
S22.082A	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

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Code	Description	Code Category	Code Type
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
S22.089A	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
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
S22.21XA	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
S22.22XA	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
S22.23XA	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
S22.24XA	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
S22.31XA	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
S22.32XA	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
S22.39XA	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
S22.41XA	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
S22.42XA	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
S22.43XA	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
S22.49XA	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
S22.5XXA	Flail chest, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.5XXB	Flail chest, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.9XXA	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
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	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
S32.001A	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
S32.002A	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
S32.008A	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
S32.009A	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
S32.010A	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
S32.011A	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
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S32.020A	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
S32.021A	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
S32.022A	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
S32.028A	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
S32.029A	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
S32.030A	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
S32.031A	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
S32.032A	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
S32.038A	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
S32.039A	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
S32.040A	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

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Code	Description	Code Category	Code Type
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
S32.042A	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
S32.048A	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
S32.049A	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
S32.050A	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
S32.051A	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
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
S32.058A	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
S32.059A	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
S32.10XA	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
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
S32.111A	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
S32.112A	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
S32.119A	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
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture	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
S32.122A	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
S32.129A	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
S32.130A	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
S32.131A	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
S32.132A	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
S32.139A	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
S32.14XA	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
S32.15XA	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
S32.16XA	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
S32.17XA	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
S32.19XA	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
S32.2XXA	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
S32.301A	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
S32.302A	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
S32.309A	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
S32.311A	Displaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.311B	Displaced avulsion fracture of right ilium, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S32.314A	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
S32.315A	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
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
S32.391A	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
S32.392A	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
S32.399A	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
S32.401A	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
S32.402A	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
S32.409A	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
S32.411A	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
S32.412A	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
S32.413A	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
S32.414A	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.414B	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	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
S32.421A	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
S32.422A	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
S32.423A	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
S32.424A	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
S32.425A	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
S32.426A	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
S32.431A	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
S32.432A	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.432B	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	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
S32.434A	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
S32.435A	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
S32.436A	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
S32.441A	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
S32.442A	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
S32.443A	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
S32.444A	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
S32.445A	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
S32.446A	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.446B	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	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
S32.452A	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
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
S32.454A	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
S32.455A	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
S32.456A	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
S32.461A	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
S32.462A	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
S32.463A	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
S32.464A	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.464B	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	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
S32.466A	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
S32.471A	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
S32.472A	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
S32.473A	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
S32.474A	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
S32.475A	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
S32.476A	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
S32.481A	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
S32.482A	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
S32.483A	Displaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.483B	Displaced dome fracture of unspecified acetabulum, initial encounter for open fracture	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
S32.485A	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
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for open fracture	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
S32.492A	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
S32.499A	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
S32.501A	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
S32.502A	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
S32.509A	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
S32.511A	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
S32.512A	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
S32.519A	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
S32.591A	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
S32.592A	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
S32.599A	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

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Code	Description	Code Category	Code Type
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
S32.602A	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
S32.609A	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
S32.611A	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
S32.612A	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
S32.613A	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
S32.614A	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
S32.615A	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
S32.616A	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
S32.691A	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
S32.692A	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
S32.699A	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
S32.810A	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
S32.811A	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.811B	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for open fracture	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
S32.89XA	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
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
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	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
S42.002A	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
S42.009A	Fracture of unspecified part of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.009B	Fracture of unspecified part of unspecified clavicle, initial encounter for open fracture	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
S42.012A	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
S42.013A	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
S42.014A	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
S42.015A	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
S42.016A	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
S42.017A	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
S42.018A	Nondisplaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.018B	Nondisplaced fracture of sternal end of left clavicle, initial encounter for open fracture	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
S42.021A	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

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Code	Description	Code Category	Code Type
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
S42.023A	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
S42.024A	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
S42.025A	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
S42.026A	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
S42.031A	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
S42.032A	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
S42.033A	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
S42.034A	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
S42.035A	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
S42.036A	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.036B	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.101A	Fracture of unspecified part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.101B	Fracture of unspecified part of scapula, right shoulder, initial encounter for open fracture	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
S42.109A	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.109B	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for open fracture	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
S42.112A	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
S42.113A	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
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
S42.115A	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
S42.116A	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
S42.121A	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
S42.122A	Displaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.122B	Displaced fracture of acromial process, left shoulder, initial encounter for open fracture	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
S42.124A	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
S42.125A	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
S42.126A	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
S42.131A	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
S42.132A	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
S42.133A	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
S42.134A	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
S42.135A	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
S42.136A	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.136B	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
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
S42.142A	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
S42.143A	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
S42.144A	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.144B	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	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
S42.146A	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
S42.151A	Displaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.151B	Displaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	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
S42.153A	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
S42.154A	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.154B	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	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
S42.156A	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
S42.191A	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
S42.192A	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
S42.199A	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
S42.201A	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
S42.202A	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
S42.209A	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
S42.211A	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
S42.212A	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for open fracture	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
S42.214A	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
S42.215A	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
S42.216A	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
S42.221A	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
S42.222A	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
S42.223A	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
S42.224A	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
S42.225A	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
S42.226A	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	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
S42.232A	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
S42.239A	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
S42.241A	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
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	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
S42.251A	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
S42.252A	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
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
S42.254A	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	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
S42.256A	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
S42.261A	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
S42.262A	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
S42.263A	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
S42.264A	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
S42.265A	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
S42.266A	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
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.291A	Other displaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.291B	Other displaced fracture of upper end of right humerus, initial encounter for open fracture	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
S42.293A	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
S42.294A	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
S42.295A	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
S42.296A	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
S42.301A	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
S42.302A	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
S42.309A	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
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S42.322A	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
S42.323A	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
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	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
S42.326A	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
S42.331A	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
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
S42.333A	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
S42.334A	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

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Code	Description	Code Category	Code Type
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
S42.336A	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
S42.341A	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
S42.342A	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
S42.343A	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
S42.344A	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
S42.345A	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
S42.346A	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
S42.351A	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
S42.352A	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

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Code	Description	Code Category	Code Type
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
S42.354A	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
S42.355A	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
S42.356A	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
S42.361A	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
S42.362A	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
S42.363A	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
S42.364A	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
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S42.392A	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
S42.399A	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
S42.401A	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
S42.402A	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
S42.409A	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
S42.411A	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
S42.412A	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
S42.413A	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
S42.414A	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
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S42.421A	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
S42.422A	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
S42.423A	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
S42.424A	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
S42.425A	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
S42.426A	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
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	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
S42.433A	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

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Code	Description	Code Category	Code Type
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
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
S42.436A	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
S42.441A	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
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
S42.443A	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
S42.444A	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
S42.445A	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
S42.446A	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
S42.447A	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

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Code	Description	Code Category	Code Type
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
S42.449A	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
S42.451A	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
S42.452A	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
S42.453A	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
S42.454A	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
S42.455A	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
S42.456A	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
S42.461A	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
S42.462A	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

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Code	Description	Code Category	Code Type
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
S42.464A	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
S42.465A	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
S42.466A	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
S42.471A	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
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	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
S42.474A	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
S42.475A	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
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

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Code	Description	Code Category	Code Type
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	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
S42.492A	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
S42.493A	Other displaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.493B	Other displaced fracture of lower end of unspecified humerus, initial encounter for open fracture	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
S42.495A	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
S42.496A	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
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
S42.91XA	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
S42.92XA	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

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Code	Description	Code Category	Code Type
S49.001A	Unspecified physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002A	Unspecified physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009A	Unspecified physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	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
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	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
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.101A	Unspecified physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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

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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
S49.111A	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.119A	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.122A	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
S49.131A	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.139A	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.142A	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
S49.191A	Other physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
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
S52.002A	Unspecified fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.009A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	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
S52.022A	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
S52.023A	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
S52.024A	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
S52.025A	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.026A	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
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
S52.031A	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
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
S52.033A	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, IIIB, or IIIC	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
S52.035A	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

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Code	Description	Code Category	Code Type
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
S52.041A	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
S52.042A	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
S52.043A	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
S52.044A	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
S52.045A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S52.046C	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.092A	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
S52.099A	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
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, IIIB, or IIIC	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
S52.109A	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
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.122A	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
S52.123A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.131A	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
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

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Code	Description	Code Category	Code Type
S52.132C	Displaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.134A	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
S52.135A	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
S52.136A	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
S52.181A	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
S52.182A	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
S52.189A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.202A	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
S52.209A	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
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	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, IIIB, or IIIC	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
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223A	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
S52.224A	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.225A	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
S52.226A	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
S52.231A	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, IIIB, or IIIC	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
S52.233A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S52.241A	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
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
S52.242A	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
S52.243A	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
S52.244A	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
S52.245A	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

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
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
S52.246A	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
S52.251A	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
S52.252A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.256A	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S52.256B	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
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
S52.261A	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
S52.262A	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
S52.263A	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
S52.264A	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
S52.265A	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
S52.266A	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

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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
S52.272A	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
S52.279A	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
S52.281A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.292A	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
S52.299A	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
S52.301A	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

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Code	Description	Code Category	Code Type
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.309A	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
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	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
S52.322A	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
S52.323A	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
S52.324A	Nondisplaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.326A	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
S52.331A	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, IIIB, or IIIC	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
S52.333A	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
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

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.343A	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
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.345A	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

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Code	Description	Code Category	Code Type
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
S52.346A	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
S52.351A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.356A	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.364A	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
S52.365A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S52.379A	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
S52.381A	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
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
S52.389A	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
S52.391A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.514A	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

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Code	Description	Code Category	Code Type
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.516A	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
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	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
S52.532A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.542A	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
S52.549A	Smith's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.551A	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
S52.552A	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
S52.559A	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
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
S52.562A	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
S52.569A	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
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S52.572A	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
S52.579A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.601A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S52.602C	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.614A	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
S52.615A	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
S52.616A	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	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
S52.692A	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
S52.699A	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
S52.90XA	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.031A	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.039A	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.042A	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.091A	Other physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.099A	Other physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.102A	Unspecified physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
S59.111A	Salter-Harris Type I physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.112A	Salter-Harris Type I physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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
S59.121A	Salter-Harris Type II physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.129A	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.132A	Salter-Harris Type III physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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
S59.141A	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	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
S59.149A	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.192A	Other physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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
S59.201A	Unspecified physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	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
S59.209A	Unspecified physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.212A	Salter-Harris Type I physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.221A	Salter-Harris Type II physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	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
S59.229A	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	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
S59.241A	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	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
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S62.002A	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
S62.009A	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
S62.011A	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.011B	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	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
S62.013A	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
S62.014A	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
S62.015A	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
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
S62.021A	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
S62.022A	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.022B	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	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
S62.024A	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
S62.025A	Nondisplaced 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
S62.025B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	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
S62.031A	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
S62.032A	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
S62.033A	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
S62.034A	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
S62.035A	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
S62.036A	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
S62.101A	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
S62.102A	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
S62.109A	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.109B	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for open fracture	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
S62.112A	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
S62.113A	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
S62.114A	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
S62.115A	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
S62.116A	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
S62.121A	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
S62.122A	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
S62.123A	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
S62.124A	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.124B	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
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
S62.126A	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
S62.131A	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
S62.132A	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.132B	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	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
S62.134A	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
S62.135A	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
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
S62.141A	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
S62.142A	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.142B	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	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
S62.144A	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
S62.145A	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
S62.146A	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
S62.151A	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
S62.152A	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
S62.153A	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
S62.154A	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
S62.155A	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
S62.156A	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.156B	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	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
S62.162A	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
S62.163A	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
S62.164A	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
S62.165A	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
S62.166A	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.166B	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	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
S62.172A	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
S62.173A	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
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
S62.175A	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
S62.176A	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.176B	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	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
S62.182A	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
S62.183A	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
S62.184A	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
S62.185A	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
S62.186A	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
S62.201A	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
S62.202A	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
S62.209A	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
S62.211A	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

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Code	Description	Code Category	Code Type
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
S62.213A	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
S62.221A	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
S62.222A	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
S62.223A	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
S62.224A	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
S62.225A	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
S62.226A	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
S62.231A	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
S62.232A	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.232B	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	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
S62.234A	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
S62.235A	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.235B	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
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
S62.241A	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
S62.242A	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.242B	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	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
S62.244A	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
S62.245A	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
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
S62.251A	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
S62.252A	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
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

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
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
S62.255A	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
S62.256A	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
S62.291A	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
S62.292A	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
S62.299A	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
S62.300A	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
S62.301A	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
S62.302A	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
S62.303A	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

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Code	Description	Code Category	Code Type
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
S62.305A	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
S62.306A	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
S62.307A	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
S62.308A	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
S62.309A	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
S62.310A	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
S62.311A	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
S62.312A	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
S62.313A	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

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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
S62.315A	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
S62.316A	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
S62.317A	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.317B	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	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
S62.319A	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
S62.320A	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
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
S62.322A	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
S62.323A	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

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Code	Description	Code Category	Code Type
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
S62.325A	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
S62.326A	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
S62.327A	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
S62.328A	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
S62.329A	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
S62.330A	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
S62.331A	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
S62.332A	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
S62.333A	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

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Code	Description	Code Category	Code Type
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
S62.335A	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
S62.336A	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
S62.337A	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
S62.338A	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
S62.339A	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.339B	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	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
S62.341A	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
S62.342A	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
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

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Code	Description	Code Category	Code Type
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
S62.345A	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
S62.346A	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
S62.347A	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
S62.348A	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
S62.349A	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
S62.350A	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
S62.351A	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
S62.352A	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
S62.353A	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

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Code	Description	Code Category	Code Type
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
S62.355A	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
S62.356A	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
S62.357A	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
S62.358A	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.358B	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	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
S62.360A	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
S62.361A	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
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
S62.363A	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

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Code	Description	Code Category	Code Type
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
S62.365A	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
S62.366A	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
S62.367A	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
S62.368A	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
S62.369A	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
S62.390A	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
S62.391A	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
S62.392A	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
S62.393A	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

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Code	Description	Code Category	Code Type
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
S62.395A	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
S62.396A	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
S62.397A	Other fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.397B	Other fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	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
S62.399A	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
S62.501A	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
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
S62.509A	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
S62.511A	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
S62.512A	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

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Code	Description	Code Category	Code Type
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
S62.514A	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
S62.515A	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
S62.516A	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
S62.521A	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
S62.522A	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
S62.523A	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
S62.524A	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
S62.525A	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
S62.526A	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

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Code	Description	Code Category	Code Type
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
S62.601A	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
S62.602A	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
S62.603A	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
S62.604A	Fracture of unspecified phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.604B	Fracture of unspecified phalanx of right ring finger, initial encounter for open fracture	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
S62.606A	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
S62.607A	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
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
S62.609A	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

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Code	Description	Code Category	Code Type
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
S62.611A	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
S62.612A	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
S62.613A	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
S62.614A	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
S62.615A	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
S62.616A	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
S62.617A	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
S62.618A	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
S62.619A	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

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Code	Description	Code Category	Code Type
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
S62.621A	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
S62.622A	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
S62.623A	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
S62.624A	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
S62.625A	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
S62.626A	Displaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.626B	Displaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.627A	Displaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.627B	Displaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.628A	Displaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.628B	Displaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.629A	Displaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.629B	Displaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S62.631A	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
S62.632A	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
S62.633A	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
S62.634A	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
S62.635A	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
S62.636A	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
S62.637A	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
S62.638A	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
S62.639A	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

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Code	Description	Code Category	Code Type
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
S62.641A	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
S62.642A	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
S62.643A	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
S62.644A	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
S62.645A	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
S62.646A	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
S62.647A	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
S62.648A	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.648B	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S62.651A	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
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
S62.653A	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
S62.654A	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.654B	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.655A	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.655B	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.656A	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.656B	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.657A	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.657B	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.658A	Nondisplaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.658B	Nondisplaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.659A	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.659B	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S62.661A	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
S62.662A	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
S62.663A	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
S62.664A	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
S62.665A	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
S62.666A	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
S62.667A	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.667B	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for open fracture	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
S62.669A	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

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Code	Description	Code Category	Code Type
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
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
S62.92XA	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
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.011A	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
S72.012A	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
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.021A	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
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
S72.023A	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, IIIB, or IIIC	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
S72.025A	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
S72.026A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S72.033A	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
S72.034A	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, IIIB, or IIIC	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
S72.036A	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
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S72.043A	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
S72.044A	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
S72.045A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.061A	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
S72.062A	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
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.066A	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

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Code	Description	Code Category	Code Type
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.091A	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, IIIB, or IIIC	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
S72.099A	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
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
S72.101A	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
S72.102A	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
S72.109A	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
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123A	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
S72.124A	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
S72.125A	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
S72.126A	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
S72.131A	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
S72.132A	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

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Code	Description	Code Category	Code Type
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.134A	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
S72.135A	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
S72.136A	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
S72.141A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.145A	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
S72.146A	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, IIIB, or IIIC	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
S72.22XA	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
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.25XA	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
S72.26XA	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
S72.301A	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, IIIB, or IIIC	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
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.332A	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

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Code	Description	Code Category	Code Type
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
S72.334A	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
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.336A	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
S72.341A	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, IIIB, or IIIC	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
S72.343A	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

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Code	Description	Code Category	Code Type
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.346A	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
S72.351A	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
S72.352A	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
S72.353A	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
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S72.355A	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
S72.356A	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, IIIB, or IIIC	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
S72.362A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S72.366A	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
S72.391A	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
S72.392A	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
S72.399A	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
S72.401A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.409A	Unspecified fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.411A	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
S72.412A	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
S72.413A	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
S72.414A	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
S72.415A	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
S72.416A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.423A	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
S72.424A	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
S72.425A	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
S72.426A	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
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

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Code	Description	Code Category	Code Type
S72.431C	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.432A	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, IIIB, or IIIC	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
S72.434A	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
S72.435A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
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
S72.442A	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.443A	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
S72.444A	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
S72.445A	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
S72.446A	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, IIIB, or IIIC	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
S72.452A	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

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Code	Description	Code Category	Code Type
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
S72.454A	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
S72.455A	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
S72.456A	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
S72.461A	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
S72.462A	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
S72.463A	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

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Code	Description	Code Category	Code Type
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
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.465A	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
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
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S72.492A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.90XA	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
S72.90XE	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	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
S72.91XE	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	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
S72.92XE	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	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
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	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
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	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
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	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
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	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
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S82.001C	Unspecified fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.009A	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
S82.011A	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
S82.012A	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
S82.013A	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
S82.014A	Nondisplaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.015A	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
S82.015C	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.021A	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
S82.022A	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
S82.023A	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
S82.024A	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

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Code	Description	Code Category	Code Type
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
S82.026A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S82.042A	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
S82.043A	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
S82.044A	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
S82.045A	Nondisplaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.046C	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.092A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.102A	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
S82.109A	Unspecified fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.111A	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
S82.112A	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

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Code	Description	Code Category	Code Type
S82.112C	Displaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.114A	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
S82.115A	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
S82.116A	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
S82.121A	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
S82.121C	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.122A	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
S82.123A	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

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Code	Description	Code Category	Code Type
S82.123C	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.124A	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
S82.125A	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
S82.126A	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
S82.131A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.134A	Nondisplaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.135A	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, IIIB, or IIIC	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
S82.136C	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.141A	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
S82.142A	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
S82.143A	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
S82.144A	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
S82.145A	Nondisplaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.146A	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
S82.151A	Displaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.152A	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
S82.153A	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
S82.154A	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
S82.155A	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
S82.156A	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.161A	Torus fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.162A	Torus fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.169A	Torus fracture of upper end of unspecified tibia, initial encounter for closed fracture	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
S82.192A	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
S82.199A	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
S82.201A	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, IIIB, or IIIC	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
S82.202C	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S82.222A	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
S82.223A	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
S82.224A	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
S82.225A	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
S82.226A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.231C	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.233A	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, IIIB, or IIIC	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
S82.234C	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.235A	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
S82.236A	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
S82.241A	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
S82.242A	Displaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.243A	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
S82.244A	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
S82.245A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.253C	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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 IIIC	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
S82.261A	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
S82.262A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.263C	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.264A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.292A	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
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
S82.301A	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
S82.302A	Unspecified fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.309A	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
S82.311A	Torus fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.312A	Torus fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.319A	Torus fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S82.392A	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
S82.392C	Other fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.399A	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
S82.401A	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
S82.402A	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

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Code	Description	Code Category	Code Type
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
S82.421A	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
S82.422A	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
S82.423A	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.426A	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

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Code	Description	Code Category	Code Type
S82.426C	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.431A	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
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.441A	Displaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.442A	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
S82.442C	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.443A	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
S82.444A	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
S82.445A	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, IIIB, or IIIC	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S82.453A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.456A	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, IIIB, or IIIC	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
S82.461C	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.462C	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.464A	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
S82.465A	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
S82.466A	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
S82.491A	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
S82.492A	Other fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.499A	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

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Code	Description	Code Category	Code Type
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
S82.52XA	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.55XA	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.61XC	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.64XC	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.65XA	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
S82.66XA	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
S82.811A	Torus fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.812A	Torus fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.819A	Torus fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.821A	Torus fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.822A	Torus fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.829A	Torus fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.832A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.841C	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.843A	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
S82.844A	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

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Code	Description	Code Category	Code Type
S82.844C	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.846A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.855A	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S82.856C	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.861A	Displaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.861B	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.861C	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.863A	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
S82.864A	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
S82.865A	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
S82.866A	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.871A	Displaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.872A	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
S82.873A	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
S82.874A	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
S82.875A	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
S82.876A	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
S82.891A	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
S82.892A	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

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Code	Description	Code Category	Code Type
S82.892C	Other fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.91XA	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
S82.92XA	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
S89.001A	Unspecified physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.002A	Unspecified physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.009A	Unspecified physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	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
S89.012A	Salter-Harris Type I physeal fracture of upper end of left tibia, initial encounter for closed fracture	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
S89.021A	Salter-Harris Type II physeal fracture of upper end of right tibia, initial encounter for closed fracture	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
S89.029A	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.031A	Salter-Harris Type III physeal fracture of upper end of right tibia, initial encounter for closed fracture	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
S89.039A	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	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
S89.042A	Salter-Harris Type IV physeal fracture of upper end of left tibia, initial encounter for closed fracture	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
S89.091A	Other physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.092A	Other physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.099A	Other physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.101A	Unspecified physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.102A	Unspecified physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.109A	Unspecified physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S89.112A	Salter-Harris Type I physeal fracture of lower end of left tibia, initial encounter for closed fracture	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
S89.121A	Salter-Harris Type II physeal fracture of lower end of right tibia, initial encounter for closed fracture	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
S89.129A	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S89.132A	Salter-Harris Type III physeal fracture of lower end of left tibia, initial encounter for closed fracture	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
S89.141A	Salter-Harris Type IV physeal fracture of lower end of right tibia, initial encounter for closed fracture	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
S89.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.191A	Other physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.192A	Other physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.199A	Other physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.201A	Unspecified physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.202A	Unspecified physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.209A	Unspecified physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	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
S89.212A	Salter-Harris Type I physeal fracture of upper end of left fibula, initial encounter for closed fracture	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
S89.221A	Salter-Harris Type II physeal fracture of upper end of right fibula, initial encounter for closed fracture	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
S89.229A	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.291A	Other physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.292A	Other physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.299A	Other physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.301A	Unspecified physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.302A	Unspecified physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.309A	Unspecified physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.311A	Salter-Harris Type I physeal fracture of lower end of right fibula, initial encounter for closed fracture	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
S89.319A	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	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
S89.322A	Salter-Harris Type II physeal fracture of lower end of left fibula, initial encounter for closed fracture	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
S89.391A	Other physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.392A	Other physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.399A	Other physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	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
S92.002A	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
S92.009A	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
S92.011A	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
S92.012A	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
S92.013A	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
S92.014A	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

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Code	Description	Code Category	Code Type
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
S92.016A	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
S92.021A	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
S92.022A	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
S92.023A	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
S92.024A	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
S92.025A	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
S92.026A	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
S92.031A	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
S92.032A	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

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Code	Description	Code Category	Code Type
S92.033A	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.033B	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	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
S92.035A	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
S92.036A	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
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
S92.042A	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
S92.043A	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
S92.044A	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
S92.045A	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
S92.046A	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

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Code	Description	Code Category	Code Type
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
S92.052A	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
S92.053A	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
S92.054A	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
S92.055A	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
S92.056A	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
S92.061A	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
S92.062A	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
S92.063A	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
S92.064A	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

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Code	Description	Code Category	Code Type
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
S92.066A	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
S92.101A	Unspecified fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.101B	Unspecified fracture of right talus, initial encounter for open fracture	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
S92.109A	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
S92.111A	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
S92.112A	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
S92.113A	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
S92.114A	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
S92.115A	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
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
S92.121A	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
S92.122A	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
S92.123A	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
S92.124A	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
S92.125A	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

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Code	Description	Code Category	Code Type
S92.126A	Nondisplaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.126B	Nondisplaced fracture of body of unspecified talus, initial encounter for open fracture	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
S92.132A	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
S92.133A	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
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
S92.135A	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
S92.136A	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
S92.141A	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
S92.142A	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
S92.143A	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
S92.144A	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
S92.145A	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
S92.146A	Nondisplaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.146B	Nondisplaced dome fracture of unspecified talus, initial encounter for open fracture	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
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
S92.153A	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
S92.154A	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
S92.155A	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
S92.156A	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
S92.191A	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
S92.192A	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
S92.199A	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
S92.201A	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
S92.202A	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

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Code	Description	Code Category	Code Type
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
S92.211A	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
S92.212A	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
S92.213A	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
S92.214A	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
S92.215A	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
S92.216A	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
S92.221A	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
S92.222A	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
S92.223A	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
S92.224A	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.224B	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	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
S92.226A	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
S92.231A	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
S92.232A	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
S92.233A	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
S92.234A	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
S92.235A	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
S92.236A	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.236B	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	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
S92.242A	Displaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.242B	Displaced fracture of medial cuneiform of left foot, initial encounter for open fracture	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
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
S92.245A	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
S92.246A	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
S92.251A	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
S92.252A	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
S92.253A	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
S92.254A	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
S92.255A	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
S92.256A	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.256B	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	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
S92.302A	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
S92.309A	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
S92.311A	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
S92.312A	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
S92.313A	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
S92.314A	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
S92.315A	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
S92.316A	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
S92.321A	Displaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.321B	Displaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	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
S92.323A	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
S92.324A	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.324B	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	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
S92.326A	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
S92.331A	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
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
S92.333A	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
S92.334A	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
S92.335A	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.335B	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	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
S92.341A	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
S92.342A	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
S92.343A	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
S92.344A	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
S92.345A	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
S92.346A	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
S92.351A	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
S92.352A	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
S92.353A	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.353B	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	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
S92.355A	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
S92.356A	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
S92.401A	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
S92.402A	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
S92.403A	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
S92.404A	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
S92.405A	Nondisplaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.405B	Nondisplaced unspecified fracture of left great toe, initial encounter for open fracture	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
S92.411A	Displaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.411B	Displaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	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
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
S92.414A	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
S92.415A	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
S92.416A	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
S92.421A	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
S92.422A	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
S92.423A	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
S92.424A	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
S92.425A	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.425B	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for open fracture	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
S92.491A	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
S92.492A	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
S92.499A	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
S92.501A	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
S92.502A	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
S92.503A	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
S92.504A	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
S92.505A	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
S92.506A	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
S92.511A	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

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Code	Description	Code Category	Code Type
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
S92.513A	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
S92.514A	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
S92.515A	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
S92.516A	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
S92.521A	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
S92.522A	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
S92.523A	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
S92.524A	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
S92.525A	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

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Code	Description	Code Category	Code Type
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
S92.531A	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.531B	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	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
S92.533A	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
S92.534A	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
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
S92.536A	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
S92.591A	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
S92.592A	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
S92.599A	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
S92.811A	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
S92.812A	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
S92.819A	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

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Code	Description	Code Category	Code Type
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
S92.902A	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
S92.909A	Unspecified fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.909B	Unspecified fracture of unspecified foot, initial encounter for open fracture	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
S92.912A	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
S92.919A	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
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
S99.002A	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
S99.009A	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
S99.011A	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
S99.012A	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
S99.019A	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
S99.021A	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
S99.022A	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.022B	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for open fracture	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
S99.031A	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
S99.032A	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
S99.039A	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
S99.041A	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
S99.042A	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
S99.049A	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
S99.091A	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
S99.092A	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
S99.099A	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
S99.101A	Unspecified physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.101B	Unspecified physeal fracture of right metatarsal, initial encounter for open fracture	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
S99.109A	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
S99.111A	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
S99.112A	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
S99.119A	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
S99.121A	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
S99.122A	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
S99.129A	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
S99.131A	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
S99.132A	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.132B	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for open fracture	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
S99.141A	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
S99.142A	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
S99.149A	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
S99.191A	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
S99.192A	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
S99.199A	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
S99.201A	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
S99.202A	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
S99.209A	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
S99.211A	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-2), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.211B	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for open fracture	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
S99.219A	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
S99.221A	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
S99.222A	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
S99.229A	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
S99.231A	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
S99.232A	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
S99.239A	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
S99.241A	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
S99.242A	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S99.242B	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for open fracture	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
S99.291A	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
S99.292A	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
S99.299A	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
T14.8XXA	Other injury of unspecified body region, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
Anticoagulants	
ANISINDIONE	Miradon
APIXABAN	Eliquis
ARDEPARIN SODIUM,PORCINE	Normiflo
ARGATROBAN	argatroban
ARGATROBAN IN 0.9 % SODIUM CHLORIDE	argatroban in 0.9 % sod chlor
ARGATROBAN IN SODIUM CHLORIDE, ISO-OSMOTIC	argatroban in NaCl (iso-os)
BETRIXABAN MALEATE	Bevyxxa
BIVALIRUDIN	bivalirudin
BIVALIRUDIN	Angiomax
DABIGATRAN ETEXILATE MESYLATE	Pradaxa
DALTEPARIN SODIUM,PORCINE	Fragmin
DANAPAROID SODIUM,PORCINE	Orgaran
DESIRUDIN	Iprivask
DICUMAROL	dicumarol
EDOXABAN TOSYLATE	Savaysa
ENOXAPARIN SODIUM	Lovenox
ENOXAPARIN SODIUM	enoxaparin
FONDAPARINUX SODIUM	fondaparinux
FONDAPARINUX SODIUM	Arixtra
HEPARIN SODIUM,BEEF	heparin (bovine)
HEPARIN SODIUM,PORCINE	heparin (porcine)
HEPARIN SODIUM,PORCINE	Heparin Lock
HEPARIN SODIUM,PORCINE	heparin lock flush (porcine)
HEPARIN SODIUM,PORCINE	Hep-Lock
HEPARIN SODIUM,PORCINE	Hep-Lock Flush
HEPARIN SODIUM,PORCINE	heparin lock flush
HEPARIN SODIUM,PORCINE	Vasceze
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE	heparin(porcine) in 0.45% NaCl
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE/PF	heparin (porc)-0.45% NaCl (PF)
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Combination
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin flush(porcine)-0.9NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin (porcine) in 0.9% NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Hep-Pak
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE/PF	heparin (porcine) in NaCl (PF)
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER	heparin (porcine) in 5 % dex
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER/PF	heparin (porcine) in D5W (PF)
HEPARIN SODIUM,PORCINE/PF	heparin, porcine (PF)
HEPARIN SODIUM,PORCINE/PF	Hep Flush-10 (PF)
HEPARIN SODIUM,PORCINE/PF	Hep-Lock U/P PF

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
HEPARIN SODIUM,PORCINE/PF	Heparin LockFlush(Porcine)(PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill (PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill Advanced (PF)
LEPIRUDIN,RECOMBINANT	Refludan
RIVAROXABAN	Xarelto
TINZAPARIN SODIUM,PORCINE	Innohep
WARFARIN SODIUM	Coumadin
WARFARIN SODIUM	warfarin
WARFARIN SODIUM	Jantoven
Anti-Epileptic Drugs	
BRIVARACETAM	Briviact
CARBAMAZEPINE	Equetro
CARBAMAZEPINE	carbamazepine
CARBAMAZEPINE	Tegretol XR
CARBAMAZEPINE	Carbatrol
CARBAMAZEPINE	Tegretol
CARBAMAZEPINE	Atretol
CARBAMAZEPINE	Epitol
CLOBAZAM	Onfi
CLONAZEPAM	clonazepam
CLONAZEPAM	Klonopin
CLONAZEPAM	Ceberclon
DIAZEPAM	diazepam
DIAZEPAM	Diastat Pediatric
DIAZEPAM	Diastat AcuDial
DIAZEPAM	Diastat
DIAZEPAM	Diastat Universal
DIVALPROEX SODIUM	divalproex
DIVALPROEX SODIUM	Depakote
DIVALPROEX SODIUM	Depakote Sprinkles
DIVALPROEX SODIUM	Depakote ER
ESLICARBAZEPINE ACETATE	Aptiom
ETHOSUXIMIDE	ethosuximide
ETHOSUXIMIDE	Zarontin
ETHOTOIN	Peganone
EZOGABINE	Potiga
FELBAMATE	felbamate
FELBAMATE	Felbatol
FOSPHENYTOIN SODIUM	fosphenytoin
FOSPHENYTOIN SODIUM	Cerebyx
GABAPENTIN	Fanatrex
GABAPENTIN	gabapentin
GABAPENTIN	Neurontin
GABAPENTIN	Gabarone

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Generic Name	Brand Name
GABAPENTIN/CAPSAICIN/METHYL SALICYLATE/MENTHOL	SmartRx Gaba-V Kit
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-90
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-60
GABAPENTIN/LIDOCAINE HCL/MENTHOL	SmartRx GabaKit
GABAPENTIN/LIDOCAINE HCL/MENTHOL	Active-Pac
LACOSAMIDE	Vimpat
LAMOTRIGINE	Lamictal
LAMOTRIGINE	lamotrigine
LAMOTRIGINE	Lamictal ODT Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Blue)
LAMOTRIGINE	Lamictal XR Starter (Blue)
LAMOTRIGINE	Lamictal XR
LAMOTRIGINE	Lamictal ODT
LAMOTRIGINE	Lamictal Starter (Orange) Kit
LAMOTRIGINE	Lamictal Starter (Green) Kit
LAMOTRIGINE	Lamictal XR Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Orange)
LAMOTRIGINE	Lamictal Starter (Blue) Kit
LAMOTRIGINE	Lamictal XR Starter (Orange)
LEVETIRACETAM	levetiracetam
LEVETIRACETAM	Keppra
LEVETIRACETAM	Spritam
LEVETIRACETAM	Roweepra
LEVETIRACETAM	Keppra XR
LEVETIRACETAM IN SODIUM CHLORIDE, ISO-OSMOTIC	levetiracetam in NaCl (iso-os)
MEPHENYTOIN	Mesantoin
METHSUXIMIDE	Celontin
OXCARBAZEPINE	oxcarbazepine
OXCARBAZEPINE	Trileptal
OXCARBAZEPINE	Oxtellar XR
PARAMETHADIONE	Paradione
PERAMPANEL	Fycompa
PHENOBARBITAL	phenobarbital
PHENOBARBITAL SODIUM	phenobarbital sodium
PHENOBARBITAL SODIUM	Luminal
PHENYTOIN	phenytoin
PHENYTOIN	Dilantin Infatabs
PHENYTOIN	Dilantin-125
PHENYTOIN SODIUM	phenytoin sodium
PHENYTOIN SODIUM	Di-Phen
PHENYTOIN SODIUM EXTENDED	phenytoin sodium extended
PHENYTOIN SODIUM EXTENDED	Dilantin Kapseal
PHENYTOIN SODIUM EXTENDED	Dilantin Extended
PHENYTOIN SODIUM EXTENDED	Phenytek

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
PHENYTOIN SODIUM EXTENDED	Dilantin
PREGABALIN	Lyrica
PRIMIDONE	primidone
PRIMIDONE	Mysoline
RUFINAMIDE	Banzel
TIAGABINE HCL	Gabitril
TIAGABINE HCL	tiagabine
TOPIRAMATE	topiramate
TOPIRAMATE	Topamax
TOPIRAMATE	Trokendi XR
TOPIRAMATE	Qudexy XR
TOPIRAMATE	Topiragen
VALPROIC ACID	valproic acid
VALPROIC ACID	Stavzor
VALPROIC ACID	Depakene
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproate sodium
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	Depacon
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproic acid (as sodium salt)
VIGABATRIN	vigabatrin
VIGABATRIN	Sabril
ZONISAMIDE	zonisamide
ZONISAMIDE	Zonegran
Beta Blockers	
ACEBUTOLOL HCL	acebutolol
ACEBUTOLOL HCL	Sectral
ATENOLOL	atenolol
ATENOLOL	Tenormin
ATENOLOL	Senormin
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BETAXOLOL HCL	betaxolol
BETAXOLOL HCL	Kerlone
BISOPROLOL FUMARATE	bisoprolol fumarate
BISOPROLOL FUMARATE	Zebeta
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CARTEOLOL HCL	Cartrol
CARVEDILOL	carvedilol
CARVEDILOL	Coreg
CARVEDILOL PHOSPHATE	Coreg CR
CARVEDILOL PHOSPHATE	carvedilol phosphate
ESMOLOL HCL	esmolol
ESMOLOL HCL	Brevibloc

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Generic Name	Brand Name
ESMOLOL HCL IN SODIUM CHLORIDE, ISO-OSMOTIC	Brevibloc in NaCl (iso-osm)
LABETALOL HCL	labetalol
LABETALOL HCL	Trandate
LABETALOL HCL	Normodyne
LABETALOL IN DEXTROSE 5 % IN WATER	labetalol in dextrose 5 %
METOPROLOL SUCCINATE	metoprolol succinate
METOPROLOL SUCCINATE	Toprol XL
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL TARTRATE	metoprolol tartrate
METOPROLOL TARTRATE	Lopressor
METOPROLOL TARTRATE/DIETARY SUPPLEMENT, COMB.10	Hypertensolol
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
NADOLOL	nadolol
NADOLOL	Corgard
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
NEBIVOLOL HCL	Bystolic
PENBUTOLOL SULFATE	Levatol
PINDOLOL	pindolol
PINDOLOL	Visken
PROPRANOLOL HCL	propranolol
PROPRANOLOL HCL	Inderal
PROPRANOLOL HCL	Inderal LA
PROPRANOLOL HCL	InnoPran XL
PROPRANOLOL HCL	Hemangeol
PROPRANOLOL HCL	Inderal XL
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
SOTALOL HCL	Betapace AF
SOTALOL HCL	sotalol
SOTALOL HCL	Sotalol AF
SOTALOL HCL	Betapace
SOTALOL HCL	Sotylize
SOTALOL HCL	Sorine
TIMOLOL MALEATE	timolol maleate
TIMOLOL MALEATE	Blocadren
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
Bisphosphonates	
ALENDRONATE SODIUM	Fosamax
ALENDRONATE SODIUM	alendronate
ALENDRONATE SODIUM	Binosto

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
ALENDRONATE SODIUM/CHOLECALCIFEROL (VITAMIN D3)	Fosamax Plus D
ETIDRONATE DISODIUM	Didronel
ETIDRONATE DISODIUM	etidronate disodium
IBANDRONATE SODIUM	Boniva
IBANDRONATE SODIUM	ibandronate
PAMIDRONATE DISODIUM	pamidronate
PAMIDRONATE DISODIUM	Aredia
RISEDRONATE SODIUM	Actonel
RISEDRONATE SODIUM	risedronate
RISEDRONATE SODIUM	Atelvia
RISEDRONATE SODIUM/CALCIUM CARBONATE	Actonel with Calcium
TILUDRONATE DISODIUM	Skelid
ZOLEDRONIC ACID	Zometa
ZOLEDRONIC ACID	zoledronic acid
ZOLEDRONIC ACID IN MANNITOL AND 0.9 % SODIUM CHLORIDE	zoledronic ac-mannitol-0.9NaCl
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	Reclast
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	zoledronic acid-mannitol-water
Chemotherapy	
ABARELIX	Plenaxis
ABEMACICLIB	Verzenio
ABIRATERONE ACETATE	Zytiga
ACALABRUTINIB	Calquence
ADO-TRASTUZUMAB EMTANSINE	Kadcyla
AFATINIB DIMALEATE	Gilotrif
ALDESLEUKIN	Proleukin
ALECTINIB HCL	Alecensa
ALEMTUZUMAB	Campath
ALTRETAMINE	Hexalen
AMINOGLUTETHIMIDE	Cytadren
ANASTROZOLE	Arimidex 30-day Pack
ANASTROZOLE	anastrozole
ANASTROZOLE	Arimidex
ARSENIC TRIOXIDE	Trisenox
ASPARAGINASE	Elspar
ASPARAGINASE (ERWINIA CHRYSANTHEMI)	Erwinaze
ATEZOLIZUMAB	Tecentriq
AVELUMAB	Bavencio
AXICABTAGENE CILOLEUCEL	Yescarta
AXITINIB	Inlyta
AZACITIDINE	azacitidine
AZACITIDINE	Vidaza
BCG LIVE	Theracys
BCG LIVE	Tice BCG
BELINOSTAT	Beleodaq

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
BENDAMUSTINE HCL	Treanda
BENDAMUSTINE HCL	Bendeka
BEVACIZUMAB	Avastin
BEXAROTENE	bexarotene
BEXAROTENE	Targretin
BICALUTAMIDE	bicalutamide
BICALUTAMIDE	Casodex
BLEOMYCIN SULFATE	bleomycin
BLEOMYCIN SULFATE	Blenoxane
BLEOMYCIN SULFATE	Bleo 15K
BLINATUMOMAB	Blincyto
BORTEZOMIB	Velcade
BORTEZOMIB	bortezomib
BOSUTINIB	Bosulif
BRENTUXIMAB VEDOTIN	Adcetris
BRIGATINIB	Alunbrig
BUSULFAN	Busulfex
BUSULFAN	busulfan
BUSULFAN	Myleran
CABAZITAXEL	Jevtana
CABOZANTINIB S-MALATE	Cabometyx
CABOZANTINIB S-MALATE	Cometriq
CAPECITABINE	capecitabine
CAPECITABINE	Xeloda
CARBOPLATIN	carboplatin
CARBOPLATIN	Paraplatin
CARFILZOMIB	Kyprolis
CARMUSTINE	BiCNU
CARMUSTINE IN POLIFEPROSAN 20	Gliadel Wafer
CERITINIB	Zykadia
CETUXIMAB	Erbix
CHLORAMBUCIL	Leukeran
CISPLATIN	cisplatin
CISPLATIN	Platinol AQ
CLADRIBINE	cladribine
CLADRIBINE	Leustatin
CLOFARABINE	clofarabine
CLOFARABINE	Clolar
COBIMETINIB FUMARATE	Cotellic
COPANLISIB DI-HCL	Aliqopa
CRIZOTINIB	Xalkori
CROMOLYN SODIUM	cromolyn
CROMOLYN SODIUM	Gastrocrom
CYCLOPHOSPHAMIDE	cyclophosphamide

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
CYCLOPHOSPHAMIDE	Cytoxan Lyophilized
CYCLOPHOSPHAMIDE	Neosar
CYCLOPHOSPHAMIDE	Cytoxan
CYTARABINE	Cytosar-U
CYTARABINE	cytarabine
CYTARABINE	Tarabine Pfs
CYTARABINE LIPOSOME/PF	DepoCyt (PF)
CYTARABINE/PF	cytarabine (PF)
DABRAFENIB MESYLATE	Tafinlar
DACARBAZINE	dacarbazine
DACARBAZINE	DTIC-Dome
DACTINOMYCIN	Cosmegen
DACTINOMYCIN	dactinomycin
DARATUMUMAB	Darzalex
DASATINIB	Sprycel
DAUNORUBICIN CITRATE LIPOSOMAL	DaunoXome
DAUNORUBICIN HCL	daunorubicin
DAUNORUBICIN HCL	Cerubidine
DAUNORUBICIN/CYTARABINE LIPOSOMAL	Vyxeos
DECITABINE	Dacogen
DECITABINE	decitabine
DEGARELIX ACETATE	Firmagon kit w diluent syringe
DEGARELIX ACETATE	Firmagon
DENILEUKIN DIFTITOX	Ontak
DIETHYLSTILBESTROL DIPHOSPHATE	Stilphostrol
DINUTUXIMAB	Unituxin
DOCETAXEL	docetaxel
DOCETAXEL	Taxotere
DOCETAXEL	Docefrez
DOXORUBICIN HCL	doxorubicin
DOXORUBICIN HCL	Adriamycin
DOXORUBICIN HCL	Adriamycin PFS
DOXORUBICIN HCL	Adriamycin RDF
DOXORUBICIN HCL	Rubex
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	doxorubicin, peg-liposomal
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Doxil
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox 50
DURVALUMAB	Imfinzi
ELOTUZUMAB	Empliciti
ENASIDENIB MESYLATE	Idhifa
ENZALUTAMIDE	Xtandi
EPIRUBICIN HCL	epirubicin
EPIRUBICIN HCL	Ellence

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Generic Name	Brand Name
ERIBULIN MESYLATE	Halaven
ERLOTINIB HCL	Tarceva
ESTRAMUSTINE PHOSPHATE SODIUM	Emcyt
ETOPOSIDE	etoposide
ETOPOSIDE	VePesid
ETOPOSIDE	Toposar
ETOPOSIDE PHOSPHATE	Etopophos
EVEROLIMUS	Afinitor Disperz
EVEROLIMUS	Afinitor
EXEMESTANE	Aromasin
EXEMESTANE	exemestane
FLOXURIDINE	FUDR
FLOXURIDINE	floxuridine
FLUDARABINE PHOSPHATE	fludarabine
FLUDARABINE PHOSPHATE	Fludara
FLUDARABINE PHOSPHATE	Oforta
FLUOROURACIL	fluorouracil
FLUOROURACIL	Adrucil
FLUTAMIDE	flutamide
FLUTAMIDE	Eulexin
FULVESTRANT	Faslodex
GEFITINIB	Iressa
GEMCITABINE HCL	gemcitabine
GEMCITABINE HCL	Gemzar
GEMTUZUMAB OZOGAMICIN	Mylotarg
GOSERELIN ACETATE	Zoladex
HISTRELIN ACETATE	Vantas
HYDROXYUREA	hydroxyurea
HYDROXYUREA	Hydrea
HYDROXYUREA	Mylocel
IBRUTINIB	Imbruvica
IDARUBICIN HCL	idarubicin
IDARUBICIN HCL	Idamycin PFS
IDARUBICIN HCL	Idamycin
IDELALISIB	Zydelig
IFOSFAMIDE	ifosfamide
IFOSFAMIDE	Ifex
IFOSFAMIDE/MESNA	ifosfamide-mesna
IFOSFAMIDE/MESNA	Ifex/Mesnex
IMATINIB MESYLATE	imatinib
IMATINIB MESYLATE	Gleevec
INOTUZUMAB OZOGAMICIN	Besponsa
INTERFERON ALFA-2A,RECOMB.	Roferon-A
INTERFERON ALFA-2B,RECOMB.	Intron A

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
IPILIMUMAB	Yervoy
IRINOTECAN HCL	Camptosar
IRINOTECAN HCL	irinotecan
IRINOTECAN LIPOSOMAL	Onivyde
IXABEPILONE	Ixempra
IXAZOMIB CITRATE	Ninlaro
KIT FOR PREP INDIUM-111/IBRITUMOMAB TIUXETAN/ALBUMIN HUMAN	Zevalin (In-111)
KIT FOR PREP YTTRIUM-90/IBRITUMOMAB TIUXETAN/ALBUMIN HUMAN	Zevalin (Y-90)
LAPATINIB DITOSYLATE	Tykerb
LENALIDOMIDE	Revlimid
LENVATINIB MESYLATE	Lenvima
LETROZOLE	letrozole
LETROZOLE	Femara
LEUPROLIDE ACETATE	Lupron Depot (6 Month)
LEUPROLIDE ACETATE	Lupron Depot
LEUPROLIDE ACETATE	Lupron Depot (4 month)
LEUPROLIDE ACETATE	Lupron Depot (3 month)
LEUPROLIDE ACETATE	leuprolide
LEUPROLIDE ACETATE	Eligard (6 month)
LEUPROLIDE ACETATE	Eligard (4 month)
LEUPROLIDE ACETATE	Lupron
LEUPROLIDE ACETATE	Eligard
LEUPROLIDE ACETATE	Eligard (3 month)
LEUPROLIDE ACETATE/LIDOCAINE HCL	Viadur
LEVAMISOLE HCL	Ergamisol
LOMUSTINE	lomustine
LOMUSTINE	CeeNU
LOMUSTINE	Gleostine
LUTETIUM LU 177 DOTATATE	Lutathera
MECHLORETHAMINE HCL	Mustargen
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEGESTROL ACETATE	megestrol
MEGESTROL ACETATE	Megace
MELPHALAN	Alkeran
MELPHALAN	melphalan
MELPHALAN HCL	melphalan HCl
MELPHALAN HCL/BETADEX SULFOBUTYL ETHER SODIUM	Evomela
MERCAPTOPYRINE	Purinethol
MERCAPTOPYRINE	Purixan
MERCAPTOPYRINE	mercaptopyrine
METHOTREXATE	Xatmep
METHOTREXATE SODIUM	methotrexate sodium
METHOTREXATE SODIUM	Trexall
METHOTREXATE SODIUM/PF	methotrexate sodium (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
METHOTREXATE SODIUM/PF	Methotrexate LPF
METHOXSALEN	Uvadex
MIDOSTAURIN	Rydapt
MITOMYCIN	mitomycin
MITOMYCIN	Mutamycin
MITOTANE	Lysodren
MITOXANTRONE HCL	mitoxantrone
MITOXANTRONE HCL	Novantrone
NECITUMUMAB	Portrazza
NELARABINE	Arranon
NERATINIB MALEATE	Nerlynx
NILOTINIB HCL	Tasigna
NILUTAMIDE	Nilandron
NILUTAMIDE	nilutamide
NINTEDANIB ESYLATE	Ofev
NIRAPARIB TOSYLATE	Zejula
NIVOLUMAB	Opdivo
OBINUTUZUMAB	Gazyva
OFATUMUMAB	Arzerra
OLAPARIB	Lynparza
OLARATUMAB	Lartruvo
OMACETAXINE MEPESUCCINATE	Synribo
OSIMERTINIB MESYLATE	Tagrisso
OXALIPLATIN	oxaliplatin
OXALIPLATIN	Eloxatin
PACLITAXEL	paclitaxel
PACLITAXEL	Onxol
PACLITAXEL	Taxol
PACLITAXEL PROTEIN-BOUND	Abraxane
PALBOCICLIB	Ibrance
PANITUMUMAB	Vectibix
PANOBINOSTAT LACTATE	Farydak
PAZOPANIB HCL	Votrient
PEGASPARGASE	Oncaspar
PEGINTERFERON ALFA-2B	Sylatron
PEGINTERFERON ALFA-2B	Sylatron 4-Pack
PEMBROLIZUMAB	Keytruda
PEMETREXED DISODIUM	Alimta
PENTOSTATIN	Nipent
PENTOSTATIN	pentostatin
PERTUZUMAB	Perjeta
PLICAMYCIN	Mithracin
POMALIDOMIDE	Pomalyst
PONATINIB HCL	Iclusig

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
PORFIMER SODIUM	Photofrin
PRALATREXATE	Folotyn
PROCARBAZINE HCL	Matulane
RADIUM-223 DICHLORIDE	Xofigo
RAMUCIRUMAB	Cyramza
REGORAFENIB	Stivarga
RIBOCICLIB SUCCINATE	Kisqali
RIBOCICLIB SUCCINATE/LETROZOLE	Kisqali Femara Co-Pack
RITUXIMAB	Rituxan
RITUXIMAB/HYALURONIDASE, HUMAN RECOMBINANT	Rituxan Hycela
ROMIDEPSIN	Istodax
ROMIDEPSIN	romidepsin
RUCAPARIB CAMSYLATE	Rubraca
RUXOLITINIB PHOSPHATE	Jakafi
SAMARIUM SM 153 LEXIDRONAM	Quadramet
SILTUXIMAB	Sylvant
SIPULEUCEL-T/LACTATED RINGERS SOLUTION	Provenge
SODIUM IODIDE-131	Hicon
SONIDEGIB PHOSPHATE	Odomzo
SORAFENIB TOSYLATE	Nexavar
STREPTOZOCIN	Zanosar
STRONTIUM-89 CHLORIDE	Metastron
SUNITINIB MALATE	Sutent
TALIMOGENE LAHERPAREPVEC	Imlygic
TAMOXIFEN CITRATE	Nolvadex
TAMOXIFEN CITRATE	tamoxifen
TAMOXIFEN CITRATE	Soltamox
TEMOZOLOMIDE	Temodar
TEMOZOLOMIDE	temozolomide
TEMSIROLIMUS	Torisel
TENIPOSIDE	Vumon
TENIPOSIDE	teniposide
TESTOLACTONE	Teslac
THALIDOMIDE	Thalomid
THIOGUANINE	Tabloid
THIOTEPA	Thioplex
THIOTEPA	thiotepa
THIOTEPA	Tepadina
TISAGENLECLEUCEL	Kymriah
TOPOTECAN HCL	topotecan
TOPOTECAN HCL	Hycamtin
TOREMIFENE CITRATE	Fareston
TOSITUMOMAB (WITH MALTOSE)	Bexxar Therapeutic
TOSITUMOMAB (WITH MALTOSE)	Bexxar Dosimetric

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
TOSITUMOMAB IODINE-131 (WITH MALTOSE)	Bexxar 131 Iodine
TRABECTEDIN	Yondelis
TRAMETINIB DIMETHYL SULFOXIDE	Mekinist
TRASTUZUMAB	Herceptin
TRETINOIN	tretinoin (chemotherapy)
TRETINOIN	Vesanoid
TRIFLURIDINE/TIPIRACIL HCL	Lonsurf
TRIPTORELIN PAMOATE	Trelstar
TRIPTORELIN PAMOATE	Trelstar Depot
TRIPTORELIN PAMOATE	Trelstar LA
URACIL MUSTARD	uracil mustard
VALRUBICIN	Valstar
VANDETANIB	Caprelsa
VANDETANIB	vandetanib
VEMURAFENIB	Zelboraf
VENETOCLAX	Venclexta
VENETOCLAX	Venclexta Starting Pack
VINBLASTINE SULFATE	vinblastine
VINBLASTINE SULFATE	Velban
VINCRISTINE SULFATE	Oncovin
VINCRISTINE SULFATE	vincristine
VINCRISTINE SULFATE	Vincasar PFS
VINCRISTINE SULFATE LIPOSOMAL	Marqibo
VINORELBINE TARTRATE	vinorelbine
VINORELBINE TARTRATE	Navelbine
VISMODEGIB	Erivedge
VORINOSTAT	Zolinza
ZIV-AFLIBERCEPT	Zaltrap
Corticosteroids	
BECLOMETHASONE DIPROPIONATE	Beclovent
BECLOMETHASONE DIPROPIONATE	Qvar
BECLOMETHASONE DIPROPIONATE	Vanceril
BECLOMETHASONE DIPROPIONATE	Beclovent Refill
BECLOMETHASONE DIPROPIONATE	Vanceril Double Strength
BECLOMETHASONE DIPROPIONATE	Qvar RediHaler
BECLOMETHASONE DIPROPIONATE	Beconase
BECLOMETHASONE DIPROPIONATE	Vancenase AQ Double Strength
BECLOMETHASONE DIPROPIONATE	Beconase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase Pockethaler
BECLOMETHASONE DIPROPIONATE	Vancenase
BECLOMETHASONE DIPROPIONATE	QNASL
BETAMETHASONE	Celestone
BETAMETHASONE ACETATE AND SODIUM PHOSPH/NORFLURANE/HFC 245FA	Betaloan SUIK

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Generic Name	Brand Name
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	Beta-1
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	Celestone Soluspan
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	ReadySharp Betamethasone
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	betamethasone acet,sod phos
BETAMETHASONE SODIUM PHOSPH IN STERILE WATER FOR INJECTION	betamethasone sod phosph-water
BETAMETHASONE SODIUM PHOSPHATE	Adbeon
BETAMETHASONE SODIUM PHOSPHATE	betamethasone sodium phosphate
BUDESONIDE	budesonide
BUDESONIDE	Pulmicort Flexhaler
BUDESONIDE	Pulmicort
BUDESONIDE	Pulmicort Turbuhaler
BUDESONIDE	Rhinocort Aqua
BUDESONIDE	Rhinocort Allergy
BUDESONIDE	Rhinocort
CICLESONIDE	Alvesco
CICLESONIDE	Omnaris
CICLESONIDE	Zetonna
CORTISONE ACETATE	Cortone
CORTISONE ACETATE	cortisone
DEFLAZACORT	Emflaza
DEXAMETHASONE	dexamethasone
DEXAMETHASONE	DexPak 10 day
DEXAMETHASONE	Dexone
DEXAMETHASONE	DexPak 13 Day
DEXAMETHASONE	LoCort
DEXAMETHASONE	Hexadrol
DEXAMETHASONE	ZonaCort
DEXAMETHASONE	Decadron
DEXAMETHASONE	ZoDex
DEXAMETHASONE	Zema-Pak
DEXAMETHASONE	TaperDex
DEXAMETHASONE	Dexamethasone Intensol
DEXAMETHASONE	DexPak 6 Day
DEXAMETHASONE	Decadron Dose Pack
DEXAMETHASONE	Baycadron
DEXAMETHASONE ACETATE	Dalalone D.P.
DEXAMETHASONE ACETATE	dexamethasone acetate
DEXAMETHASONE ACETATE	Adrenocot LA
DEXAMETHASONE ACETATE	Solurex LA
DEXAMETHASONE ACETATE	Decaject
DEXAMETHASONE ACETATE	Dalalone LA
DEXAMETHASONE ACETATE	Dexacen LA-8
DEXAMETHASONE ACETATE	Dexasone LA
DEXAMETHASONE ACETATE	De-Sone LA

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Generic Name	Brand Name
DEXAMETHASONE ACETATE	Dexone LA
DEXAMETHASONE PHOSPHATE	Primethasone
DEXAMETHASONE SOD PHOSPHATE	dexamethasone sodium phosphate
DEXAMETHASONE SOD PHOSPHATE	Solurex
DEXAMETHASONE SOD PHOSPHATE	Dexasone 4
DEXAMETHASONE SOD PHOSPHATE	ReadySharp dexamethasone
DEXAMETHASONE SOD PHOSPHATE	Cpc-Cort-D
DEXAMETHASONE SOD PHOSPHATE	Dalalone
DEXAMETHASONE SOD PHOSPHATE	Dexasone 10
DEXAMETHASONE SOD PHOSPHATE	Adrenocot
DEXAMETHASONE SODIUM PHOSPHATE IN 0.9 % SODIUM CHLORIDE	dexamethasone in 0.9 % sod chl
DEXAMETHASONE SODIUM PHOSPHATE/LIDOCAINE HCL	Lidocidex-I
DEXAMETHASONE SODIUM PHOSPHATE/PF	MAS Care-Pak (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	dexamethasone sodium phos (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	Active Injection Kit D (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	DoubleDex (PF)
DEXAMETHASONE/PF/NORFLURANE/PENTAFLUOROPROPANE (HFC 245FA)	DMT SUIK
FLUDROCORTISONE ACETATE	fludrocortisone
FLUDROCORTISONE ACETATE	Florinef
FLUNISOLIDE	Aerobid
FLUNISOLIDE	Aerospan
FLUNISOLIDE	flunisolide
FLUNISOLIDE	Nasarel
FLUNISOLIDE	Nasalide
FLUNISOLIDE/MENTHOL	Aerobid-M
FLUTICASONE FUROATE	Arnuity Ellipta
FLUTICASONE FUROATE	Veramyst
FLUTICASONE FUROATE	Flonase Sensimist
FLUTICASONE FUROATE	Children's Flonase Sensimist
FLUTICASONE PROPIONATE	Flovent Rotadisk
FLUTICASONE PROPIONATE	Flovent HFA
FLUTICASONE PROPIONATE	Flovent Diskus
FLUTICASONE PROPIONATE	Flovent
FLUTICASONE PROPIONATE	ArmonAir RespiClick
FLUTICASONE PROPIONATE	ClariSpray
FLUTICASONE PROPIONATE	Allergy Relief (fluticasone)
FLUTICASONE PROPIONATE	fluticasone
FLUTICASONE PROPIONATE	Children's Flonase Allergy Rlf
FLUTICASONE PROPIONATE	Aller-Flo
FLUTICASONE PROPIONATE	Flonase Allergy Relief
FLUTICASONE PROPIONATE	Flonase
FLUTICASONE PROPIONATE	24 Hour Allergy Relief
FLUTICASONE PROPIONATE	Childrens 24 Hr Allergy Relief
FLUTICASONE PROPIONATE	Xhance

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Generic Name	Brand Name
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE	Ticaspray
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE	Ticanase
HYDROCORTISONE	hydrocortisone
HYDROCORTISONE	Cortef
HYDROCORTISONE	Hydrocortone
HYDROCORTISONE	Massengill Towelette,Medicated
HYDROCORTISONE ACETATE	hydrocortisone acetate
HYDROCORTISONE CYPIONATE	Cortef (as cypionate)
HYDROCORTISONE SOD SUCCINATE	Solu-Cortef
HYDROCORTISONE SOD SUCCINATE	hydrocortisone sod succinate
HYDROCORTISONE SOD SUCCINATE	A-Hydrocort
HYDROCORTISONE SODIUM SUCCINATE/PF	Solu-Cortef (PF)
METHYLPREDNISOLONE	Medrol
METHYLPREDNISOLONE	methylprednisolone
METHYLPREDNISOLONE	Medrol (Pak)
METHYLPREDNISOLONE	Meprolone Unipak
METHYLPREDNISOLONE	Methylpred
METHYLPREDNISOLONE ACETATE	methylprednisolone acetate
METHYLPREDNISOLONE ACETATE	Depo-Medrol
METHYLPREDNISOLONE ACETATE	Rep-Pred 80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 40
METHYLPREDNISOLONE ACETATE	P-Care D40
METHYLPREDNISOLONE ACETATE	P-Care D80
METHYLPREDNISOLONE ACETATE	Depo-Predate
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-40
METHYLPREDNISOLONE ACETATE	Depoject-80
METHYLPREDNISOLONE ACETATE	ReadySharp Methylprednisolone
METHYLPREDNISOLONE ACETATE	Depopred 40
METHYLPREDNISOLONE ACETATE	Rep-Pred 40
METHYLPREDNISOLONE ACETATE	Methylcotolone
METHYLPREDNISOLONE ACETATE	Medralone 80
METHYLPREDNISOLONE ACETATE	Adlone
METHYLPREDNISOLONE ACETATE	Medralone 40
METHYLPREDNISOLONE ACETATE	Depoject-40
METHYLPREDNISOLONE ACETATE	Depopred 80
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 80
METHYLPREDNISOLONE ACETATE/BUPIVACAINE HCL	Physicians EZ Use M-Pred
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D40G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan SUIK
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D80G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan II SUIK
METHYLPREDNISOLONE SODIUM SUCCINATE	Solu-Medrol
METHYLPREDNISOLONE SODIUM SUCCINATE	methylprednisolone sodium succ

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
METHYLPREDNISOLONE SODIUM SUCCINATE	A-Methapred
METHYLPREDNISOLONE SODIUM SUCCINATE/PF	Solu-Medrol (PF)
MOMETASONE FUROATE	Asmanex Twisthaler
MOMETASONE FUROATE	Asmanex HFA
MOMETASONE FUROATE	mometasone
MOMETASONE FUROATE	Nasonex
MOMETASONE FUROATE	Sinuva
PREDNISOLONE	prednisolone
PREDNISOLONE	Prelone
PREDNISOLONE	Millipred
PREDNISOLONE	Millipred DP
PREDNISOLONE ACETATE	Key-Pred
PREDNISOLONE ACETATE	Cotolone
PREDNISOLONE ACETATE	prednisolone acetate
PREDNISOLONE ACETATE	Predalone 50
PREDNISOLONE ACETATE	Pri-Cortin 50
PREDNISOLONE ACETATE	UAD Pred
PREDNISOLONE ACETATE	Predicort-50
PREDNISOLONE ACETATE	Flo-Pred
PREDNISOLONE SOD PHOSPHATE	prednisolone sodium phosphate
PREDNISOLONE SOD PHOSPHATE	Orapred
PREDNISOLONE SOD PHOSPHATE	Pediapred
PREDNISOLONE SOD PHOSPHATE	Orapred ODT
PREDNISOLONE SOD PHOSPHATE	Veripred 20
PREDNISOLONE SOD PHOSPHATE	Bubbli-Pred
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred Plus
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred
PREDNISONE	prednisone
PREDNISONE	Deltasone
PREDNISONE	Sterapred DS
PREDNISONE	Liquid Pred
PREDNISONE	Meticorten
PREDNISONE	Rayos
PREDNISONE	Sterapred
PREDNISONE	Deltasone Dose Pack
PREDNISONE	Prednisone Intensol
TRIAMCINOLONE	Aristocort
TRIAMCINOLONE	Aristo-Pak
TRIAMCINOLONE	triamcinolone
TRIAMCINOLONE ACETONIDE	Azmacort
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 6
TRIAMCINOLONE ACETONIDE	triamcinolone acetonide
TRIAMCINOLONE ACETONIDE	Kenalog
TRIAMCINOLONE ACETONIDE	Kenaject

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
TRIAMCINOLONE ACETONIDE	Tri-Kort
TRIAMCINOLONE ACETONIDE	Triam-A
TRIAMCINOLONE ACETONIDE	Arze-Ject-A
TRIAMCINOLONE ACETONIDE	ReadySharp Triamcinolone
TRIAMCINOLONE ACETONIDE	Cinonide 40
TRIAMCINOLONE ACETONIDE	P-Care K80
TRIAMCINOLONE ACETONIDE	Triamonide 40
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 5
TRIAMCINOLONE ACETONIDE	Pod-Care 100K
TRIAMCINOLONE ACETONIDE	Acetocot
TRIAMCINOLONE ACETONIDE	Tac-3
TRIAMCINOLONE ACETONIDE	P-Care K40
TRIAMCINOLONE ACETONIDE	Cenocort A-40
TRIAMCINOLONE ACETONIDE	Zilretta
TRIAMCINOLONE ACETONIDE	Nasacort AQ
TRIAMCINOLONE ACETONIDE	Nasacort
TRIAMCINOLONE ACETONIDE	Nasal Allergy
TRIAMCINOLONE ACETONIDE	Children's Nasacort
TRIAMCINOLONE ACETONIDE	Tri-Nasal
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	EZ Use Joint-Tunnel-Trigger
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	Lidocilone I
TRIAMCINOLONE ACETONIDE/LIDOCAINE/PRILOCAINE	DermacinRx Cinlone-I CPI
TRIAMCINOLONE DIACETATE	Triamcot
TRIAMCINOLONE DIACETATE	Amcort
TRIAMCINOLONE DIACETATE	Aristocort Forte
TRIAMCINOLONE DIACETATE	Aristocort Intralesional
TRIAMCINOLONE DIACETATE	U-Tri-Lone
TRIAMCINOLONE DIACETATE	Cinalone 40
TRIAMCINOLONE DIACETATE	triamcinolone diacetate
TRIAMCINOLONE DIACETATE	Tristoject
TRIAMCINOLONE DIACETATE	Cenocort Forte Suspension
TRIAMCINOLONE DIACETATE	Triam Forte
TRIAMCINOLONE HEXACETONIDE	Aristospan Intralesional
TRIAMCINOLONE HEXACETONIDE	Aristospan Intra-Articular
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Triloan II SUIK
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Triloan SUIK
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Pod-Care 100KG
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	P-Care K40G
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	P-Care K80G
Cyclosporine	
CYCLOSPORINE	Sandimmune
CYCLOSPORINE	cyclosporine
CYCLOSPORINE, MODIFIED	cyclosporine modified
CYCLOSPORINE, MODIFIED	Neoral

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
CYCLOSPORINE, MODIFIED	Gengraf
CYCLOSPORINE, MODIFIED	SangCya
Loop Diuretics	
BUMETANIDE	bumetanide
BUMETANIDE	Bumex
ETHACRYNATE SODIUM	ethacrynate sodium
ETHACRYNATE SODIUM	Sodium Edecrin
ETHACRYNIC ACID	ethacrynic acid
ETHACRYNIC ACID	Edecrin
FUROSEMIDE	furosemide
FUROSEMIDE	Lasix
FUROSEMIDE IN 0.9 % SODIUM CHLORIDE	furosemide in 0.9 % NaCl
FUROSEMIDE/DEXTROSE 5 % IN WATER	furosemide in dextrose 5 %
TORSEMIDE	torsemide
TORSEMIDE	Demadex
Leuprolide Acetate	
LEUPROLIDE ACETATE	Lupron Depot-Ped
LEUPROLIDE ACETATE	Lupron Depot-Ped (3 month)
Medroxyprogesterone	
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	medroxyprogest-estradiol cyp
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	Lunelle
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Premphase
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Prempro
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEDROXYPROGESTERONE ACETATE	medroxyprogesterone
MEDROXYPROGESTERONE ACETATE	Depo-SubQ provera 104
MEDROXYPROGESTERONE ACETATE	Cycrin
MEDROXYPROGESTERONE ACETATE	Provera
MEDROXYPROGESTERONE ACETATE	Amen
Nitrates	
AMYL NITRITE	amyl nitrite
ISOSORBIDE DINITRATE	Isordil
ISOSORBIDE DINITRATE	isosorbide dinitrate
ISOSORBIDE DINITRATE	Isordil Titradose
ISOSORBIDE DINITRATE	Sorbitrate
ISOSORBIDE DINITRATE	IsoDitrates
ISOSORBIDE DINITRATE	Dilatrate-SR
ISOSORBIDE DINITRATE	ISOCHRON
ISOSORBIDE MONONITRATE	isosorbide mononitrate
ISOSORBIDE MONONITRATE	Ismo
ISOSORBIDE MONONITRATE	Imdur
ISOSORBIDE MONONITRATE	Monoket
ISOSORBIDE MONONITRATE	Isotrate ER
NITROGLYCERIN	nitroglycerin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
NITROGLYCERIN	Nitro-Bid
NITROGLYCERIN	Transderm-Nitro
NITROGLYCERIN	NitroTab
NITROGLYCERIN	Nitrolingual
NITROGLYCERIN	NitroQuick
NITROGLYCERIN	Tridil
NITROGLYCERIN	Nitro-Time
NITROGLYCERIN	GoNitro
NITROGLYCERIN	Nitromist
NITROGLYCERIN	Nitrostat
NITROGLYCERIN	Nitro-Dur
NITROGLYCERIN	Deponit
NITROGLYCERIN	Nitrek
NITROGLYCERIN	Minitran
NITROGLYCERIN	Nitrol
NITROGLYCERIN	Nitrodisc
NITROGLYCERIN	Transdermal-NTG
NITROGLYCERIN	Nitroglyn
NITROGLYCERIN	Nitrogard
NITROGLYCERIN	Nitronal
NITROGLYCERIN	Nitro-Trans System
NITROGLYCERIN	Nitrocot SA
NITROGLYCERIN IN 5 % DEXTROSE IN WATER	nitroglycerin in 5 % dextrose
Proton Pump inhibitors	
ASPIRIN/OMEPRAZOLE	Yosprala
DEXLANSOPRAZOLE	Dexilant
DEXLANSOPRAZOLE	Kapidex
ESOMEPRAZOLE MAGNESIUM	esomeprazole magnesium
ESOMEPRAZOLE MAGNESIUM	Nexium
ESOMEPRAZOLE MAGNESIUM	Nexium 24HR
ESOMEPRAZOLE MAGNESIUM	Nexium Packet
ESOMEPRAZOLE SODIUM	esomeprazole sodium
ESOMEPRAZOLE SODIUM	Nexium IV
ESOMEPRAZOLE STRONTIUM	esomeprazole strontium
LANSOPRAZOLE	lansoprazole
LANSOPRAZOLE	Prevacid
LANSOPRAZOLE	Prevacid SoluTab
LANSOPRAZOLE	Heartburn Treatment 24 Hour
LANSOPRAZOLE	FIRST-Lansoprazole
LANSOPRAZOLE	Prevacid 24Hr
LANSOPRAZOLE	Heartburn Relief 24 Hour
LANSOPRAZOLE	Prevacid IV
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	amoxicil-clarithromy-lansopraz
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	Prevpac

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
LANSOPRAZOLE/NAPROXEN	PREVACID NapraPAC
NAPROXEN/ESOMEPRAZOLE MAGNESIUM	Vimovo
OMEPRAZOLE	omeprazole
OMEPRAZOLE	Prilosec
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
OMEPRAZOLE	FIRST-Omeprazole
OMEPRAZOLE MAGNESIUM	omeprazole magnesium
OMEPRAZOLE MAGNESIUM	Acid Reducer (omeprazole)
OMEPRAZOLE MAGNESIUM	Prilosec OTC
OMEPRAZOLE/CLARITHROMYCIN/AMOXICILLIN TRIHYDRATE	Omeclamox-Pak
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid OTC
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid
OMEPRAZOLE/SODIUM BICARBONATE	omeprazole-sodium bicarbonate
OMEPRAZOLE/SODIUM BICARBONATE	OmePPi
PANTOPRAZOLE SODIUM	pantoprazole
PANTOPRAZOLE SODIUM	Protonix
RABEPRAZOLE SODIUM	Aciphex
RABEPRAZOLE SODIUM	AcipHex Sprinkle
RABEPRAZOLE SODIUM	rabeprazole
Short-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists	
gonadorelin acetate	Lutrepulse
histrelin acetate	Supprelin
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
nafarelin acetate	Synarel
Statins	
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	amlodipine-atorvastatin
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	Caduet
ASPIRIN (CALCIUM CARB & MAGNESIUM BUFFERS)/PRAVASTATIN	PRAVIGARD PAC
ATORVASTATIN CALCIUM	atorvastatin
ATORVASTATIN CALCIUM	Lipitor
CERIVASTATIN SODIUM	Baycol
EZETIMIBE/ATORVASTATIN CALCIUM	Liptruzet
EZETIMIBE/SIMVASTATIN	ezetimibe-simvastatin
EZETIMIBE/SIMVASTATIN	Vytorin 10-80
EZETIMIBE/SIMVASTATIN	Vytorin 10-10
EZETIMIBE/SIMVASTATIN	Vytorin 10-20
EZETIMIBE/SIMVASTATIN	Vytorin 10-40
FLUVASTATIN SODIUM	Lescol
FLUVASTATIN SODIUM	Lescol XL
FLUVASTATIN SODIUM	fluvastatin
LOVASTATIN	Mevacor
LOVASTATIN	lovastatin
LOVASTATIN	Altoprev

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
LOVASTATIN	Altacor
NIACIN/LOVASTATIN	Advicor
NIACIN/SIMVASTATIN	Simcor
PITAVASTATIN CALCIUM	Livalo
PRAVASTATIN SODIUM	pravastatin
PRAVASTATIN SODIUM	Pravachol
ROSUVASTATIN CALCIUM	Crestor
ROSUVASTATIN CALCIUM	rosuvastatin
SIMVASTATIN	simvastatin
SIMVASTATIN	Zocor
SIMVASTATIN	FloLipid
SITAGLIPTIN PHOSPHATE/SIMVASTATIN	Juvisync
Thiazide Diuretics	
ALISKIREN HEMIFUMARATE/AMLODIPINE/HYDROCHLOROTHIAZIDE	Amturnide
ALISKIREN HEMIFUMARATE/HYDROCHLOROTHIAZIDE	Tekturna HCT
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	amiloride-hydrochlorothiazide
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	Moduretic
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	amlodipine-valsartan-hcthiazid
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	Exforge HCT
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	Lotensin HCT
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	benazepril-hydrochlorothiazide
BENDROFLUMETHIAZIDE	Naturetin
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	candesartan-hydrochlorothiazid
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	Atacand HCT
CAPTOPRIL/HYDROCHLOROTHIAZIDE	captopril-hydrochlorothiazide
CAPTOPRIL/HYDROCHLOROTHIAZIDE	Capozide
CHLOROTHIAZIDE	chlorothiazide
CHLOROTHIAZIDE	Diuril
CHLOROTHIAZIDE SODIUM	chlorothiazide sodium
CHLOROTHIAZIDE SODIUM	Diuril IV
CHLORTHALIDONE	chlorthalidone
CHLORTHALIDONE	Thalitone
CHLORTHALIDONE	Hygroton
CLONIDINE HCL/CHLORTHALIDONE	Clorpres
CLONIDINE HCL/CHLORTHALIDONE	clonidine-chlorthalidone
CLONIDINE HCL/CHLORTHALIDONE	Combipres-1
CLONIDINE HCL/CHLORTHALIDONE	Combipres-2
DESERPIDINE/METHYCLOTHIAZIDE	Enduronyl Forte
DESERPIDINE/METHYCLOTHIAZIDE	Enduronyl

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	enalapril-hydrochlorothiazide
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	Vaseretic
EPROSARTAN MESYLATE/HYDROCHLOROTHIAZIDE	Teveten HCT
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	fosinopril-hydrochlorothiazide
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	Monopril HCT
GUANETHIDINE SULFATE/HYDROCHLOROTHIAZIDE	Esimil
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	hydralazine-hydrochlorothiazid
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Hydra-Zide
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Apresazide
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	hydralazine-reserpin-hcthiazyd
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Cam-Ap-Es
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Ser-A-Gen
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Tri-Hydroserpine
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Uni-Serp
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Serpazide
HYDROCHLOROTHIAZIDE	hydrochlorothiazide
HYDROCHLOROTHIAZIDE	Oretic
HYDROCHLOROTHIAZIDE	HydroDiuril
HYDROCHLOROTHIAZIDE	Microzide
HYDROCHLOROTHIAZIDE	Carozide
HYDROCHLOROTHIAZIDE	Aquazide-H
HYDROCHLOROTHIAZIDE	Esidrix
HYDROFLUMETHIAZIDE	Diucardin
HYDROFLUMETHIAZIDE	Saluron
INDAPAMIDE	indapamide
INDAPAMIDE	Lozol
IRBESARTAN/HYDROCHLOROTHIAZIDE	irbesartan-hydrochlorothiazide
IRBESARTAN/HYDROCHLOROTHIAZIDE	Avalide
LISINOPRIL/HYDROCHLOROTHIAZIDE	lisinopril-hydrochlorothiazide
LISINOPRIL/HYDROCHLOROTHIAZIDE	Zestoretic
LISINOPRIL/HYDROCHLOROTHIAZIDE	Prinzide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	losartan-hydrochlorothiazide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	Hyzaar
METHYLCLOTHIAZIDE	methyclothiazide
METHYLCLOTHIAZIDE	Enduron
METHYLCLOTHIAZIDE	Aquatensen
METHYLDOPA/CHLOROTHIAZIDE	Aldoclor
METHYLDOPA/HYDROCHLOROTHIAZIDE	methyldopa-hydrochlorothiazide
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-25
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-15
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D30
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D50
METOLAZONE	metolazone
METOLAZONE	Zaroxolyn

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
METOLAZONE	Mykrox
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	Uniretic
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	moexipril-hydrochlorothiazide
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	olmesartan-amlodipin-hcthiazid
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	Tribenzor
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	olmesartan-hydrochlorothiazide
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	Benicar HCT
POLYTHIAZIDE	Renese
PRAZOSIN HCL/POLYTHIAZIDE	Minizide
PRAZOSIN HCL/POLYTHIAZIDE	Minizide 2
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	quinapril-hydrochlorothiazide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Accuretic
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Quinaretic
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rondameth
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rauzide
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	bendroflumethiazide-rauwolfia
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Flumezide
RESERPINE/HYDROCHLOROTHIAZIDE	reserpine-hydrochlorothiazide
RESERPINE/HYDROCHLOROTHIAZIDE	Hydro-Reserp
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin-Demi
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin
RESERPINE/METHYCLOTHIAZIDE	Diutensen-R
RESERPINE/POLYTHIAZIDE	Renese-R
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	spironolacton-hydrochlorothiaz
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	Aldactazide
TELMISARTAN/HYDROCHLOROTHIAZIDE	Micardis HCT
TELMISARTAN/HYDROCHLOROTHIAZIDE	telmisartan-hydrochlorothiazid
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	triamterene-hydrochlorothiazid
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Dyazide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide-25mg
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide
TRICHLORMETHIAZIDE	trichlormethiazide
TRICHLORMETHIAZIDE	Aquazide
TRICHLORMETHIAZIDE	Naqua

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
VALSARTAN/HYDROCHLOROTHIAZIDE	valsartan-hydrochlorothiazide
VALSARTAN/HYDROCHLOROTHIAZIDE	Diovan HCT

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
70450	Computed tomography, head or brain; without contrast material	Procedure	CPT-4
70460	Computed tomography, head or brain; with contrast material(s)	Procedure	CPT-4
70470	Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4
70480	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material	Procedure	CPT-4
70481	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)	Procedure	CPT-4
70482	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4
70486	Computed tomography, maxillofacial area; without contrast material	Procedure	CPT-4
70487	Computed tomography, maxillofacial area; with contrast material(s)	Procedure	CPT-4
70488	Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Episode Censoring Criteria in this Request

Generic Name	Brand Name
Non-Leuprolide Acetate Long-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists	
goserelin acetate	Zoladex
histrelin acetate	Supprelin LA
histrelin acetate	Vantas
triptorelin pamoate	Trelstar
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar LA
triptorelin pamoate	Triptodur
Long-Acting GnRH Agonists	
goserelin acetate	Zoladex
histrelin acetate	Supprelin LA
histrelin acetate	Vantas
leuprolide acetate	Eligard
leuprolide acetate	Eligard (3 month)
leuprolide acetate	Eligard (4 month)
leuprolide acetate	Eligard (6 month)
leuprolide acetate	Lupron Depot
leuprolide acetate	Lupron Depot (3 month)
leuprolide acetate	Lupron Depot (4 month)
leuprolide acetate	Lupron Depot (6 Month)
leuprolide acetate	Lupron Depot-Ped
leuprolide acetate	Lupron Depot-Ped (3 month)
leuprolide acetate/lidocaine HCl	Viadur
leuprolide acetate/norethindrone acetate	Lupaneta Pack (1 month)
leuprolide acetate/norethindrone acetate	Lupaneta Pack (3 month)
triptorelin pamoate	Trelstar
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar LA
triptorelin pamoate	Triptodur

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Code	Description	Code Category	Code Type
Primary: Major Fracture			
Humerus Fracture			
733.11	Pathologic fracture of humerus	Diagnosis	ICD-9-CM
812	Fracture of humerus	Diagnosis	ICD-9-CM
812.0	Closed fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.00	Closed fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.01	Closed fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.02	Closed fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.03	Closed fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.09	Other closed fractures of upper end of humerus	Diagnosis	ICD-9-CM
812.1	Open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.2	Closed fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.20	Closed fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.21	Closed fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.3	Open fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.4	Closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.40	Closed fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.41	Closed fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.42	Closed fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.43	Closed fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.44	Closed fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.49	Other closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.5	Open fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.50	Open fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.51	Open fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.52	Open fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.53	Open fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.54	Open fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.59	Other open fracture of lower end of humerus	Diagnosis	ICD-9-CM
M80.021A	Age-related osteoporosis with current pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.022A	Age-related osteoporosis with current pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M80.029A	Age-related osteoporosis with current pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.821A	Other osteoporosis with current pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.822A	Other osteoporosis with current pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.829A	Other osteoporosis with current pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.421A	Pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.422A	Pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.429A	Pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.521A	Pathological fracture in neoplastic disease, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.522A	Pathological fracture in neoplastic disease, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.529A	Pathological fracture in neoplastic disease, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.621A	Pathological fracture in other disease, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.622A	Pathological fracture in other disease, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.629A	Pathological fracture in other disease, unspecified humerus, initial encounter for fracture	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
S42.202A	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
S42.209A	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
S42.211A	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

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Code	Description	Code Category	Code Type
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
S42.213A	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
S42.214A	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
S42.215A	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
S42.216A	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
S42.221A	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
S42.222A	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
S42.223A	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
S42.224A	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
S42.225A	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

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Code	Description	Code Category	Code Type
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
S42.231A	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
S42.232A	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
S42.239A	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
S42.241A	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
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	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
S42.251A	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
S42.252A	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
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

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Code	Description	Code Category	Code Type
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
S42.255A	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
S42.256A	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
S42.261A	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
S42.262A	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
S42.263A	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
S42.264A	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
S42.265A	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
S42.266A	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
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	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
S42.292A	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
S42.293A	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
S42.294A	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
S42.295A	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
S42.296A	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
S42.301A	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
S42.302A	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
S42.309A	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
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S42.322A	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
S42.323A	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
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	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
S42.326A	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
S42.331A	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
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
S42.333A	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

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Code	Description	Code Category	Code Type
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
S42.335A	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
S42.336A	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
S42.341A	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
S42.342A	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
S42.343A	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
S42.344A	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
S42.345A	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
S42.346A	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
S42.351A	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

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Code	Description	Code Category	Code Type
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
S42.353A	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
S42.354A	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
S42.355A	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
S42.356A	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
S42.361A	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
S42.362A	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
S42.363A	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
S42.364A	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
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S42.391A	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
S42.392A	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
S42.399A	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
S42.401A	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
S42.402A	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
S42.409A	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
S42.411A	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
S42.412A	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
S42.413A	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
S42.414A	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

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Code	Description	Code Category	Code Type
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	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
S42.421A	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
S42.422A	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
S42.423A	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
S42.424A	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
S42.425A	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
S42.426A	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
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S42.434A	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
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
S42.436A	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
S42.441A	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
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
S42.443A	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
S42.444A	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
S42.445A	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
S42.446A	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

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Code	Description	Code Category	Code Type
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
S42.448A	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
S42.449A	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
S42.451A	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
S42.452A	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
S42.453A	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
S42.454A	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
S42.455A	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
S42.456A	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
S42.461A	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

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Code	Description	Code Category	Code Type
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
S42.463A	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
S42.464A	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
S42.465A	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
S42.466A	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
S42.471A	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
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	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
S42.474A	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
S42.475A	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
S42.476A	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
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	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
S42.492A	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
S42.493A	Other displaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.493B	Other displaced fracture of lower end of unspecified humerus, initial encounter for open fracture	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
S42.495A	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
S42.496A	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
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
S42.91XA	Fracture of right shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.91XB	Fracture of right shoulder girdle, part unspecified, initial encounter for open fracture	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
S49.001A	Unspecified physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002A	Unspecified physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009A	Unspecified physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	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
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	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
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.099A	Other physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.102A	Unspecified physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.109A	Unspecified physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.112A	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
S49.121A	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.129A	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.131A	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.132A	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
S49.141A	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
78.52	Internal fixation of humerus without fracture reduction	Procedure	ICD-9-CM
79.01	Closed reduction of fracture of humerus without internal fixation	Procedure	ICD-9-CM

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Code	Description	Code Category	Code Type
79.11	Closed reduction of fracture of humerus with internal fixation	Procedure	ICD-9-CM
79.21	Open reduction of fracture of humerus without internal fixation	Procedure	ICD-9-CM
79.31	Open reduction of fracture of humerus with internal fixation	Procedure	ICD-9-CM
79.61	Debridement of open fracture of humerus	Procedure	ICD-9-CM
0PBC0ZZ	Excision of Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PBD0ZZ	Excision of Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PBF0ZZ	Excision of Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PBG0ZZ	Excision of Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHC04Z	Insertion of Internal Fixation Device into Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHC06Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHC34Z	Insertion of Internal Fixation Device into Right Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHC36Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHC44Z	Insertion of Internal Fixation Device into Right Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHC46Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHD04Z	Insertion of Internal Fixation Device into Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHD06Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHD34Z	Insertion of Internal Fixation Device into Left Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHD36Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHD44Z	Insertion of Internal Fixation Device into Left Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHD46Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHF04Z	Insertion of Internal Fixation Device into Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHF06Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHF34Z	Insertion of Internal Fixation Device into Right Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0PHF36Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPHF44Z	Insertion of Internal Fixation Device into Right Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHF46Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHG04Z	Insertion of Internal Fixation Device into Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
OPHG06Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
OPHG34Z	Insertion of Internal Fixation Device into Left Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPHG36Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPHG44Z	Insertion of Internal Fixation Device into Left Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHG46Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC04Z	Reposition Right Humeral Head with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC05Z	Reposition Right Humeral Head with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC06Z	Reposition Right Humeral Head with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0BZ	Reposition Right Humeral Head with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0CZ	Reposition Right Humeral Head with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0DZ	Reposition Right Humeral Head with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0ZZ	Reposition Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
OPSC34Z	Reposition Right Humeral Head with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC35Z	Reposition Right Humeral Head with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC36Z	Reposition Right Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3BZ	Reposition Right Humeral Head with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3CZ	Reposition Right Humeral Head with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3DZ	Reposition Right Humeral Head with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0PSC3ZZ	Reposition Right Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PSC44Z	Reposition Right Humeral Head with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSC45Z	Reposition Right Humeral Head with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSC46Z	Reposition Right Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSC4BZ	Reposition Right Humeral Head with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSC4CZ	Reposition Right Humeral Head with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSC4DZ	Reposition Right Humeral Head with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSC4ZZ	Reposition Right Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PSCXZZ	Reposition Right Humeral Head, External Approach	Procedure	ICD-10-PCS
0PSD04Z	Reposition Left Humeral Head with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSD05Z	Reposition Left Humeral Head with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSD06Z	Reposition Left Humeral Head with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSD0BZ	Reposition Left Humeral Head with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSD0CZ	Reposition Left Humeral Head with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSD0DZ	Reposition Left Humeral Head with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSD0ZZ	Reposition Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PSD34Z	Reposition Left Humeral Head with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0PSD35Z	Reposition Left Humeral Head with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0PSD36Z	Reposition Left Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0PSD3BZ	Reposition Left Humeral Head with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0PSD3CZ	Reposition Left Humeral Head with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0PSD3DZ	Reposition Left Humeral Head with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0PSD3ZZ	Reposition Left Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPSD44Z	Reposition Left Humeral Head with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD45Z	Reposition Left Humeral Head with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD46Z	Reposition Left Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4BZ	Reposition Left Humeral Head with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4CZ	Reposition Left Humeral Head with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4DZ	Reposition Left Humeral Head with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4ZZ	Reposition Left Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSDXZZ	Reposition Left Humeral Head, External Approach	Procedure	ICD-10-PCS
OPSF04Z	Reposition Right Humeral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF05Z	Reposition Right Humeral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF06Z	Reposition Right Humeral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0BZ	Reposition Right Humeral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0CZ	Reposition Right Humeral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0DZ	Reposition Right Humeral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0ZZ	Reposition Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
OPSF34Z	Reposition Right Humeral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF35Z	Reposition Right Humeral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF36Z	Reposition Right Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3BZ	Reposition Right Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3CZ	Reposition Right Humeral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3DZ	Reposition Right Humeral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3ZZ	Reposition Right Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPSF44Z	Reposition Right Humeral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF45Z	Reposition Right Humeral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF46Z	Reposition Right Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4BZ	Reposition Right Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4CZ	Reposition Right Humeral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4DZ	Reposition Right Humeral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4ZZ	Reposition Right Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSFXZZ	Reposition Right Humeral Shaft, External Approach	Procedure	ICD-10-PCS
OPSG04Z	Reposition Left Humeral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG05Z	Reposition Left Humeral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG06Z	Reposition Left Humeral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0BZ	Reposition Left Humeral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0CZ	Reposition Left Humeral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0DZ	Reposition Left Humeral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0ZZ	Reposition Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
OPSG34Z	Reposition Left Humeral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG35Z	Reposition Left Humeral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG36Z	Reposition Left Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3BZ	Reposition Left Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3CZ	Reposition Left Humeral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3DZ	Reposition Left Humeral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3ZZ	Reposition Left Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG44Z	Reposition Left Humeral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPSG45Z	Reposition Left Humeral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG46Z	Reposition Left Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4BZ	Reposition Left Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4CZ	Reposition Left Humeral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4DZ	Reposition Left Humeral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4ZZ	Reposition Left Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSGXZZ	Reposition Left Humeral Shaft, External Approach	Procedure	ICD-10-PCS
23600	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; without manipulation	Procedure	CPT-4
23605	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; with manipulation, with or without skeletal traction	Procedure	CPT-4
23610	Treatment Of Open Humeral (surgical Or Anatomical Neck) Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
23615	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed;	Procedure	CPT-4
23620	Closed treatment of greater humeral tuberosity fracture; without manipulation	Procedure	CPT-4
23625	Closed treatment of greater humeral tuberosity fracture; with manipulation	Procedure	CPT-4
23630	Open treatment of greater humeral tuberosity fracture, includes internal fixation, when performed	Procedure	CPT-4
23665	Closed treatment of shoulder dislocation, with fracture of greater humeral tuberosity, with manipulation	Procedure	CPT-4
23670	Open treatment of shoulder dislocation, with fracture of greater humeral tuberosity, includes internal fixation, when performed	Procedure	CPT-4
23675	Closed treatment of shoulder dislocation, with surgical or anatomical neck fracture, with manipulation	Procedure	CPT-4
23680	Open treatment of shoulder dislocation, with surgical or anatomical neck fracture, includes internal fixation, when performed	Procedure	CPT-4
24500	Closed treatment of humeral shaft fracture; without manipulation	Procedure	CPT-4
24505	Closed treatment of humeral shaft fracture; with manipulation, with or without skeletal traction	Procedure	CPT-4
24506	Treatment Of Closed Humeral Shaft Fracture; Percutaneous Insertion Of Pin Or Rod	Procedure	CPT-4

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Code	Description	Code Category	Code Type
24510	Treatment Of Open Humeral Shaft Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24515	Open treatment of humeral shaft fracture with plate/screws, with or without cerclage	Procedure	CPT-4
24530	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; without manipulation	Procedure	CPT-4
24531	Treatment Of Closed Humeral Supracondylar Or Transcondylar Fracture, Without Manipulation; With Traction (pin Or Skin)	Procedure	CPT-4
24535	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; with manipulation, with or without skin or skeletal traction	Procedure	CPT-4
24536	Treatment Of Closed Humeral Supracondylar Or Transcondylar Fracture, With Manipulation; With Traction (pin Or Skin)	Procedure	CPT-4
24538	Percutaneous skeletal fixation of supracondylar or transcondylar humeral fracture, with or without intercondylar extension	Procedure	CPT-4
24540	Treatment Of Open Humeral Supracondylar Or Transcondylar Fracture, With Uncomplicated Soft Tissue Closure;	Procedure	CPT-4
24542	Treatment Of Open Humeral Supracondylar Or Transcondylar Fracture, With Uncomplicated Soft Tissue Closure; With Traction (pin Or Skin)	Procedure	CPT-4
24545	Open treatment of humeral supracondylar or transcondylar fracture, includes internal fixation, when performed; without intercondylar extension	Procedure	CPT-4
24560	Closed treatment of humeral epicondylar fracture, medial or lateral; without manipulation	Procedure	CPT-4
24565	Closed treatment of humeral epicondylar fracture, medial or lateral; with manipulation	Procedure	CPT-4
24570	Treatment Of Open Humeral Epicondylar Fracture, Medial Or Lateral, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24575	Open treatment of humeral epicondylar fracture, medial or lateral, includes internal fixation, when performed	Procedure	CPT-4
24576	Closed treatment of humeral condylar fracture, medial or lateral; without manipulation	Procedure	CPT-4
24577	Closed treatment of humeral condylar fracture, medial or lateral; with manipulation	Procedure	CPT-4
24578	Treatment Of Open Humeral Condylar Fracture, Medial Or Lateral, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24579	Open treatment of humeral condylar fracture, medial or lateral, includes internal fixation, when performed	Procedure	CPT-4
24580	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); Without Manipulation	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
24581	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); With Manipulation	Procedure	CPT-4
24583	Treatment Of Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24585	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation;	Procedure	CPT-4
24586	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius);	Procedure	CPT-4
24587	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius); with implant arthroplasty	Procedure	CPT-4
24588	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation; With Implants And Fascia Lata Ligament Reconstruction	Procedure	CPT-4
29035	Application of body cast, shoulder to hips;	Procedure	CPT-4
29040	Application of body cast, shoulder to hips; including head, Minerva type	Procedure	CPT-4
29044	Application of body cast, shoulder to hips; including 1 thigh	Procedure	CPT-4
29046	Application of body cast, shoulder to hips; including both thighs	Procedure	CPT-4
29065	Application, cast; shoulder to hand (long arm)	Procedure	CPT-4
29105	Application of long arm splint (shoulder to hand)	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Femur Fracture			
733.15	Pathologic fracture of other specified part of femur	Diagnosis	ICD-9-CM
821	Fracture of other and unspecified parts of femur	Diagnosis	ICD-9-CM
821.0	Closed fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.00	Closed fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.01	Closed fracture of shaft of femur	Diagnosis	ICD-9-CM
821.1	Open fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
821.2	Closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.21	Closed fracture of femoral condyle	Diagnosis	ICD-9-CM
821.22	Closed fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.23	Closed supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.29	Other closed fracture of lower end of femur	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
821.3	Open fracture of lower end of femur	Diagnosis	ICD-9-CM
821.30	Open fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.31	Open fracture of femoral condyle	Diagnosis	ICD-9-CM
821.32	Open fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.33	Open supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.39	Other open fracture of lower end of femur	Diagnosis	ICD-9-CM
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.052A	Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.059A	Age-related osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.851A	Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.852A	Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.859A	Other osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.451A	Pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.452A	Pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.453A	Pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.551A	Pathological fracture in neoplastic disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.552A	Pathological fracture in neoplastic disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.553A	Pathological fracture in neoplastic disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.559A	Pathological fracture in neoplastic disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.651A	Pathological fracture in other disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.652A	Pathological fracture in other disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.653A	Pathological fracture in other disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.659A	Pathological fracture in other disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.750A	Atypical femoral fracture, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.751A	Incomplete atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.752A	Incomplete atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M84.753A	Incomplete atypical femoral fracture, unspecified leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.754A	Complete transverse atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.755A	Complete transverse atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.756A	Complete transverse atypical femoral fracture, unspecified leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.757A	Complete oblique atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.758A	Complete oblique atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.759A	Complete oblique atypical femoral fracture, unspecified leg, initial encounter for fracture	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, IIIB, or IIIC	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
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.332A	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

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Code	Description	Code Category	Code Type
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
S72.334A	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
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.336A	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
S72.341A	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, IIIB, or IIIC	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
S72.343A	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

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Code	Description	Code Category	Code Type
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.346A	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
S72.351A	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
S72.352A	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
S72.353A	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
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S72.355A	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
S72.356A	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, IIIB, or IIIC	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
S72.362A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S72.366A	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
S72.391A	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
S72.392A	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
S72.399A	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
S72.401A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.411A	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
S72.412A	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
S72.413A	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
S72.414A	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
S72.415A	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
S72.416A	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

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Code	Description	Code Category	Code Type
S72.416C	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.423A	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
S72.424A	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
S72.425A	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
S72.426A	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
S72.431A	Displaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.432A	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, IIIB, or IIIC	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
S72.434A	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
S72.435A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
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

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Code	Description	Code Category	Code Type
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
S72.443A	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
S72.444A	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
S72.445A	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
S72.446A	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, IIIB, or IIIC	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
S72.452A	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

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Code	Description	Code Category	Code Type
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
S72.453A	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
S72.454A	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
S72.455A	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
S72.456A	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
S72.461A	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
S72.462A	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

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Code	Description	Code Category	Code Type
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
S72.463A	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
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.465A	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
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
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S72.492A	Other fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.90XA	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
S72.91XA	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
S72.92XA	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

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Code	Description	Code Category	Code Type
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	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
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	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
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	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
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	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
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
27500	Closed treatment of femoral shaft fracture, without manipulation	Procedure	CPT-4
27502	Closed treatment of femoral shaft fracture, with manipulation, with or without skin or skeletal traction	Procedure	CPT-4

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Code	Description	Code Category	Code Type
27504	Treatment Of Open Femoral Shaft Fracture (including Supracondylar), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
27506	Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws	Procedure	CPT-4
27508	Closed treatment of femoral fracture, distal end, medial or lateral condyle, without manipulation	Procedure	CPT-4
27510	Closed treatment of femoral fracture, distal end, medial or lateral condyle, with manipulation	Procedure	CPT-4
27512	Treatment Of Open Femoral Fracture, Distal End, Medial Or Lateral Condyle, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
27514	Open treatment of femoral fracture, distal end, medial or lateral condyle, includes internal fixation, when performed	Procedure	CPT-4
29010	Application of Risser jacket, localizer, body; only	Procedure	CPT-4
29015	Application of Risser jacket, localizer, body; including head	Procedure	CPT-4
29020	Application of turnbuckle jacket, body; only	Procedure	CPT-4
29025	Application of turnbuckle jacket, body; including head	Procedure	CPT-4
29035	Application of body cast, shoulder to hips;	Procedure	CPT-4
29040	Application of body cast, shoulder to hips; including head, Minerva type	Procedure	CPT-4
29044	Application of body cast, shoulder to hips; including 1 thigh	Procedure	CPT-4
29046	Application of body cast, shoulder to hips; including both thighs	Procedure	CPT-4
29305	Application of hip spica cast; 1 leg	Procedure	CPT-4
29325	Application of hip spica cast; 1 and one-half spica or both legs	Procedure	CPT-4
29345	Application of long leg cast (thigh to toes);	Procedure	CPT-4
29355	Application of long leg cast (thigh to toes); walker or ambulatory type	Procedure	CPT-4
29358	Application of long leg cast brace	Procedure	CPT-4
29365	Application of cylinder cast (thigh to ankle)	Procedure	CPT-4
29505	Application of long leg splint (thigh to ankle or toes)	Procedure	CPT-4
29520	Strapping; hip	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Hip Fracture			
733.14	Pathologic fracture of neck of femur	Diagnosis	ICD-9-CM
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.00	Closed fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.01	Closed fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.02	Closed fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.03	Closed fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.09	Other closed transcervical fracture of femur	Diagnosis	ICD-9-CM
820.1	Open transcervical fracture	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.2	Closed pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.20	Closed fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.21	Closed fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.22	Closed fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.3	Open pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.8	Closed fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.052A	Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.059A	Age-related osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.851A	Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.852A	Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.859A	Other osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.451A	Pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.452A	Pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.459A	Pathological fracture, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.551A	Pathological fracture in neoplastic disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.552A	Pathological fracture in neoplastic disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.553A	Pathological fracture in neoplastic disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.559A	Pathological fracture in neoplastic disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.651A	Pathological fracture in other disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M84.652A	Pathological fracture in other disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.653A	Pathological fracture in other disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.659A	Pathological fracture in other disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.751A	Incomplete atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.752A	Incomplete atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.754A	Complete transverse atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.755A	Complete transverse atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.757A	Complete oblique atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.758A	Complete oblique atypical femoral fracture, left leg, initial encounter for fracture	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.011A	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

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Code	Description	Code Category	Code Type
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
S72.019A	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
S72.021A	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
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
S72.023A	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, IIIB, or IIIC	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
S72.025A	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

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Code	Description	Code Category	Code Type
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
S72.026A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.033A	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
S72.034A	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, IIIB, or IIIC	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
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.042A	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
S72.043A	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
S72.044A	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
S72.045A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.061A	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
S72.062A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.066A	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
S72.091A	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, IIIB, or IIIC	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
S72.099A	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
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
S72.101A	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
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.109A	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
S72.111A	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
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123A	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
S72.124A	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
S72.125A	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
S72.126A	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

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Code	Description	Code Category	Code Type
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.131A	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
S72.132A	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
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.134A	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
S72.135A	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
S72.136A	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
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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, IIIB, or IIIC	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
S72.144A	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
S72.145A	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
S72.146A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.24XA	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
S72.25XA	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
S72.26XA	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
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	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
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
78.55	Internal fixation of femur without fracture reduction	Procedure	ICD-9-CM
79.05	Closed reduction of fracture of femur without internal fixation	Procedure	ICD-9-CM
79.15	Closed reduction of fracture of femur with internal fixation	Procedure	ICD-9-CM
79.25	Open reduction of fracture of femur without internal fixation	Procedure	ICD-9-CM
79.35	Open reduction of fracture of femur with internal fixation	Procedure	ICD-9-CM
79.65	Debridement of open fracture of femur	Procedure	ICD-9-CM
81.61	360 degree spinal fusion, single incision approach	Procedure	ICD-9-CM
81.62	Fusion or refusion of 2-3 vertebrae	Procedure	ICD-9-CM
0QB60ZZ	Excision of Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QB70ZZ	Excision of Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QB80ZZ	Excision of Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QB90ZZ	Excision of Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QBB0ZZ	Excision of Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QBC0ZZ	Excision of Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QH604Z	Insertion of Internal Fixation Device into Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH606Z	Insertion of Intramedullary Internal Fixation Device into Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH634Z	Insertion of Internal Fixation Device into Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH636Z	Insertion of Intramedullary Internal Fixation Device into Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH644Z	Insertion of Internal Fixation Device into Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH646Z	Insertion of Intramedullary Internal Fixation Device into Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH704Z	Insertion of Internal Fixation Device into Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH706Z	Insertion of Intramedullary Internal Fixation Device into Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH734Z	Insertion of Internal Fixation Device into Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH736Z	Insertion of Intramedullary Internal Fixation Device into Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0QH744Z	Insertion of Internal Fixation Device into Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH746Z	Insertion of Intramedullary Internal Fixation Device into Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH804Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH806Z	Insertion of Intramedullary Internal Fixation Device into Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH834Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH836Z	Insertion of Intramedullary Internal Fixation Device into Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH844Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH846Z	Insertion of Intramedullary Internal Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH904Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH906Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH934Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH936Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH944Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH946Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHB04Z	Insertion of Internal Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHB06Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHB34Z	Insertion of Internal Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB36Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB44Z	Insertion of Internal Fixation Device into Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHB46Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHC04Z	Insertion of Internal Fixation Device into Left Lower Femur, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
0QHC06Z	Insertion of Intramedullary Internal Fixation Device into Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHC34Z	Insertion of Internal Fixation Device into Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHC36Z	Insertion of Intramedullary Internal Fixation Device into Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHC44Z	Insertion of Internal Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHC46Z	Insertion of Intramedullary Internal Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS604Z	Reposition Right Upper Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS605Z	Reposition Right Upper Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS606Z	Reposition Right Upper Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60BZ	Reposition Right Upper Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60CZ	Reposition Right Upper Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60DZ	Reposition Right Upper Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60ZZ	Reposition Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QS634Z	Reposition Right Upper Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS635Z	Reposition Right Upper Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS636Z	Reposition Right Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63BZ	Reposition Right Upper Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63CZ	Reposition Right Upper Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63DZ	Reposition Right Upper Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63ZZ	Reposition Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QS644Z	Reposition Right Upper Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS645Z	Reposition Right Upper Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS646Z	Reposition Right Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0QS64BZ	Reposition Right Upper Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64CZ	Reposition Right Upper Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64DZ	Reposition Right Upper Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64ZZ	Reposition Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS6XZZ	Reposition Right Upper Femur, External Approach	Procedure	ICD-10-PCS
0QS704Z	Reposition Left Upper Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS705Z	Reposition Left Upper Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS706Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70CZ	Reposition Left Upper Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70ZZ	Reposition Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QS734Z	Reposition Left Upper Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS735Z	Reposition Left Upper Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS736Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73CZ	Reposition Left Upper Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73ZZ	Reposition Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QS744Z	Reposition Left Upper Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS745Z	Reposition Left Upper Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS746Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS74BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0QS74CZ	Reposition Left Upper Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS74DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS74ZZ	Reposition Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS7XZZ	Reposition Left Upper Femur, External Approach	Procedure	ICD-10-PCS
0QS804Z	Reposition Right Femoral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS805Z	Reposition Right Femoral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS806Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80ZZ	Reposition Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QS834Z	Reposition Right Femoral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS835Z	Reposition Right Femoral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS836Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS83BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS83CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS83DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS83ZZ	Reposition Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QS844Z	Reposition Right Femoral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS845Z	Reposition Right Femoral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS846Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS84BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS84CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0QS84DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS84ZZ	Reposition Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS8XZZ	Reposition Right Femoral Shaft, External Approach	Procedure	ICD-10-PCS
0QS904Z	Reposition Left Femoral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS905Z	Reposition Left Femoral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS906Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90ZZ	Reposition Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QS934Z	Reposition Left Femoral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS935Z	Reposition Left Femoral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS936Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93ZZ	Reposition Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QS944Z	Reposition Left Femoral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS945Z	Reposition Left Femoral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS946Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0QS94ZZ	Reposition Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS9XZZ	Reposition Left Femoral Shaft, External Approach	Procedure	ICD-10-PCS
0QSB04Z	Reposition Right Lower Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB05Z	Reposition Right Lower Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB06Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0CZ	Reposition Right Lower Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0ZZ	Reposition Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QSB34Z	Reposition Right Lower Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB35Z	Reposition Right Lower Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB36Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3CZ	Reposition Right Lower Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3ZZ	Reposition Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB44Z	Reposition Right Lower Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB45Z	Reposition Right Lower Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB46Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4CZ	Reposition Right Lower Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4ZZ	Reposition Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSBXZZ	Reposition Right Lower Femur, External Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0QSC04Z	Reposition Left Lower Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC05Z	Reposition Left Lower Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC06Z	Reposition Left Lower Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0BZ	Reposition Left Lower Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0CZ	Reposition Left Lower Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0ZZ	Reposition Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QSC34Z	Reposition Left Lower Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC35Z	Reposition Left Lower Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC36Z	Reposition Left Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3BZ	Reposition Left Lower Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3CZ	Reposition Left Lower Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3ZZ	Reposition Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC44Z	Reposition Left Lower Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC45Z	Reposition Left Lower Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC46Z	Reposition Left Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4BZ	Reposition Left Lower Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4CZ	Reposition Left Lower Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4ZZ	Reposition Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSCXZZ	Reposition Left Lower Femur, External Approach	Procedure	ICD-10-PCS
ORG2070	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
ORG2071	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG207J	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20A0	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20AJ	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20J0	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20J1	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20JJ	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20K0	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20K1	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20KJ	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20Z0	Fusion of 2 or more Cervical Vertebral Joints, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20Z1	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20ZJ	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG2370	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG2371	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG237J	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23A0	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23AJ	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23J0	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23J1	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
ORG23JJ	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23K0	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23K1	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23KJ	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23Z0	Fusion of 2 or more Cervical Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23Z1	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23ZJ	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG2470	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG2471	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG247J	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24A0	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24AJ	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24J0	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24J1	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24JJ	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24K0	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24K1	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
ORG24KJ	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24ZO	Fusion of 2 or more Cervical Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24Z1	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24ZJ	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG7070	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG7071	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG707J	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70A0	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70AJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70J0	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70J1	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70JJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70K0	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70K1	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70KJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70ZO	Fusion of 2 to 7 Thoracic Vertebral Joints, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70Z1	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70ZJ	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG7370	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
ORG7371	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG737J	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73A0	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73AJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73J0	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73J1	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73JJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73K0	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73K1	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73KJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73Z0	Fusion of 2 to 7 Thoracic Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73Z1	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73ZJ	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG7470	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG7471	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG747J	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74A0	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74AJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74J0	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74J1	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
ORG74JJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74K0	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74K1	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74KJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74Z0	Fusion of 2 to 7 Thoracic Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74Z1	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74ZJ	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSG1070	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG1071	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
OSG107J	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10A0	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10AJ	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10J0	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10J1	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10JJ	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10K0	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10K1	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
OSG10KJ	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0SG10Z0	Fusion of 2 or more Lumbar Vertebral Joints, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10Z1	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10ZJ	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG1370	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG1371	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG137J	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13A0	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13AJ	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13J0	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13J1	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13JJ	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13K0	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13K1	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13KJ	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13Z0	Fusion of 2 or more Lumbar Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13Z1	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13ZJ	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG1470	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG1471	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0SG147J	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14A0	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14AJ	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14J0	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14J1	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14JJ	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14K0	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14K1	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14KJ	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14Z0	Fusion of 2 or more Lumbar Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14Z1	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14ZJ	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
XRG2092	Fusion of 2 or more Cervical Vertebral Joints using Nanotextured Surface Interbody Fusion Device, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
XRG20F3	Fusion of 2 or more Cervical Vertebral Joints using Radiolucent Porous Interbody Fusion Device, Open Approach, New Technology Group 3	Procedure	ICD-10-PCS
XRG7092	Fusion of 2 to 7 Thoracic Vertebral Joints using Nanotextured Surface Interbody Fusion Device, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
XRG70F3	Fusion of 2 to 7 Thoracic Vertebral Joints using Radiolucent Porous Interbody Fusion Device, Open Approach, New Technology Group 3	Procedure	ICD-10-PCS
XRGC092	Fusion of 2 or more Lumbar Vertebral Joints using Nanotextured Surface Interbody Fusion Device, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
XRGC0F3	Fusion of 2 or more Lumbar Vertebral Joints using Radiolucent Porous Interbody Fusion Device, Open Approach, New Technology Group 3	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	Procedure	CPT-4
27126	Partial Hip Replacement (hemiarthroplasty); Cup	Procedure	CPT-4
27127	Partial Hip Replacement (hemiarthroplasty); Cup With Acetabuloplasty	Procedure	CPT-4
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	Procedure	CPT-4
27131	Arthroplasty, Acetabular And Proximal Femoral	Procedure	CPT-4
27230	Closed treatment of femoral fracture, proximal end, neck; without manipulation	Procedure	CPT-4
27232	Closed treatment of femoral fracture, proximal end, neck; with manipulation, with or without skeletal traction	Procedure	CPT-4
27234	Treatment Of Open Femoral Fracture, Proximal End, Neck, With Uncomplicated Soft Tissue Closure, With Manipulation (including Skeletal Traction)	Procedure	CPT-4
27235	Percutaneous skeletal fixation of femoral fracture, proximal end, neck	Procedure	CPT-4
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	Procedure	CPT-4
27238	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; without manipulation	Procedure	CPT-4
27240	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with manipulation, with or without skin or skeletal traction	Procedure	CPT-4
27242	Treatment Of Open Intertrochanteric, Pertrochanteric, Or Subtrochanteric Femoral Fracture, With Uncomplicated Soft Tissue Closure (including Traction)	Procedure	CPT-4
27244	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with plate/screw type implant, with or without cerclage	Procedure	CPT-4
27246	Closed treatment of greater trochanteric fracture, without manipulation	Procedure	CPT-4
27248	Open treatment of greater trochanteric fracture, includes internal fixation, when performed	Procedure	CPT-4
29010	Application of Risser jacket, localizer, body; only	Procedure	CPT-4
29015	Application of Risser jacket, localizer, body; including head	Procedure	CPT-4
29020	Application of turnbuckle jacket, body; only	Procedure	CPT-4
29025	Application of turnbuckle jacket, body; including head	Procedure	CPT-4
29035	Application of body cast, shoulder to hips;	Procedure	CPT-4
29040	Application of body cast, shoulder to hips; including head, Minerva type	Procedure	CPT-4
29044	Application of body cast, shoulder to hips; including 1 thigh	Procedure	CPT-4
29046	Application of body cast, shoulder to hips; including both thighs	Procedure	CPT-4
29305	Application of hip spica cast; 1 leg	Procedure	CPT-4
29325	Application of hip spica cast; 1 and one-half spica or both legs	Procedure	CPT-4
29345	Application of long leg cast (thigh to toes);	Procedure	CPT-4

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Code	Description	Code Category	Code Type
29355	Application of long leg cast (thigh to toes); walker or ambulatory type	Procedure	CPT-4
29358	Application of long leg cast brace	Procedure	CPT-4
29365	Application of cylinder cast (thigh to ankle)	Procedure	CPT-4
29505	Application of long leg splint (thigh to ankle or toes)	Procedure	CPT-4
29520	Strapping; hip	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Radius/Ulna Fracture			
733.12	Pathologic fracture of distal radius and ulna	Diagnosis	ICD-9-CM
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813.0	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.00	Unspecified fracture of radius and ulna, upper end of forearm, closed	Diagnosis	ICD-9-CM
813.01	Closed fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.02	Closed fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.03	Closed Monteggia's fracture	Diagnosis	ICD-9-CM
813.04	Other and unspecified closed fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.05	Closed fracture of head of radius	Diagnosis	ICD-9-CM
813.06	Closed fracture of neck of radius	Diagnosis	ICD-9-CM
813.07	Other and unspecified closed fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.08	Closed fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.1	Open fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.10	Unspecified open fracture of upper end of forearm	Diagnosis	ICD-9-CM
813.11	Open fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.12	Open fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.13	Open Monteggia's fracture	Diagnosis	ICD-9-CM
813.14	Other and unspecified open fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.15	Open fracture of head of radius	Diagnosis	ICD-9-CM
813.16	Open fracture of neck of radius	Diagnosis	ICD-9-CM
813.17	Other and unspecified open fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.18	Open fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.2	Closed fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.20	Unspecified closed fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.21	Closed fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.22	Closed fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.23	Closed fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.3	Open fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.30	Unspecified open fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.31	Open fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.32	Open fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.33	Open fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.4	Closed fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
813.40	Unspecified closed fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.41	Closed Colles' fracture	Diagnosis	ICD-9-CM
813.42	Other closed fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.43	Closed fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.44	Closed fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.45	Torus fracture of radius (alone)	Diagnosis	ICD-9-CM
813.46	Torus fracture of ulna (alone)	Diagnosis	ICD-9-CM
813.47	Torus fracture of radius and ulna	Diagnosis	ICD-9-CM
813.5	Open fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.50	Unspecified open fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.51	Open Colles' fracture	Diagnosis	ICD-9-CM
813.52	Other open fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.53	Open fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.54	Open fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.8	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.80	Closed fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.81	Closed fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.82	Closed fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.83	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.9	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.90	Open fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.91	Open fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.92	Open fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.93	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
M80.031A	Age-related osteoporosis with current pathological fracture, right forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.032A	Age-related osteoporosis with current pathological fracture, left forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.039A	Age-related osteoporosis with current pathological fracture, unspecified forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.831A	Other osteoporosis with current pathological fracture, right forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.832A	Other osteoporosis with current pathological fracture, left forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.839A	Other osteoporosis with current pathological fracture, unspecified forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.431A	Pathological fracture, right ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.432A	Pathological fracture, left ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.433A	Pathological fracture, right radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.434A	Pathological fracture, left radius, initial encounter for fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M84.439A	Pathological fracture, unspecified ulna and radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.531A	Pathological fracture in neoplastic disease, right ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.532A	Pathological fracture in neoplastic disease, left ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.533A	Pathological fracture in neoplastic disease, right radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.534A	Pathological fracture in neoplastic disease, left radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.539A	Pathological fracture in neoplastic disease, unspecified ulna and radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.631A	Pathological fracture in other disease, right ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.632A	Pathological fracture in other disease, left ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.633A	Pathological fracture in other disease, right radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.634A	Pathological fracture in other disease, left radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.639A	Pathological fracture in other disease, unspecified ulna and radius, initial encounter for fracture	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
S52.002A	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
S52.009A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	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
S52.022A	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
S52.023A	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
S52.024A	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
S52.025A	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
S52.026A	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
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

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Code	Description	Code Category	Code Type
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
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
S52.033A	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, IIIB, or IIIC	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
S52.035A	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
S52.036A	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
S52.041A	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

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Code	Description	Code Category	Code Type
S52.041C	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.042A	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
S52.043A	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
S52.044A	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
S52.045A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.092A	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

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Code	Description	Code Category	Code Type
S52.092C	Other fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.099A	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
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, IIIB, or IIIC	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
S52.109A	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
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	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
S52.122A	Displaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.123A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.131A	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
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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.133A	Displaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.134A	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
S52.135A	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
S52.136A	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
S52.181A	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
S52.182A	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
S52.189A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.202A	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
S52.209A	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
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	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, IIIB, or IIIC	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
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223A	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

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Code	Description	Code Category	Code Type
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
S52.225A	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
S52.226A	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
S52.231A	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, IIIB, or IIIC	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
S52.233A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S52.234C	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.241A	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
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
S52.242A	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
S52.243A	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
S52.244A	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
S52.245A	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.246A	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
S52.251A	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
S52.252A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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
S52.261A	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
S52.262A	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
S52.263A	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
S52.264A	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
S52.265A	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
S52.266A	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

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Code	Description	Code Category	Code Type
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
S52.271A	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
S52.272A	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
S52.279A	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
S52.281A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.292A	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
S52.299A	Other fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.301A	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
S52.302A	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
S52.309A	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
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	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
S52.322A	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

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Code	Description	Code Category	Code Type
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
S52.324A	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
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.326A	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
S52.331A	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, IIIB, or IIIC	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
S52.333A	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

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Code	Description	Code Category	Code Type
S52.333C	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.335A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.343A	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
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S52.345A	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
S52.346A	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
S52.351A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.364A	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
S52.365A	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

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Code	Description	Code Category	Code Type
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.379A	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
S52.381A	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
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
S52.389A	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
S52.391A	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

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Code	Description	Code Category	Code Type
S52.391C	Other fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.501A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.512A	Displaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S52.512B	Displaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.514A	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
S52.515A	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
S52.516A	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
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	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
S52.532A	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

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Code	Description	Code Category	Code Type
S52.532C	Colles' fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.542A	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
S52.549A	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
S52.551A	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
S52.552A	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
S52.559A	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
S52.561A	Barton's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.562A	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
S52.569A	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
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.572A	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
S52.579A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.592A	Other fractures of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S52.601A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.614A	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
S52.615A	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
S52.616A	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
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	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
S52.692A	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
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.90XA	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.031A	Salter-Harris Type III 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
S59.032A	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.041A	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.049A	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.092A	Other physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.101A	Unspecified physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	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
S59.109A	Unspecified physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.112A	Salter-Harris Type I physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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
S59.121A	Salter-Harris Type II physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.129A	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.132A	Salter-Harris Type III physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
S59.141A	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.142A	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.149A	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.191A	Other physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	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
S59.199A	Other physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.202A	Unspecified physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	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
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	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
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S59.222A	Salter-Harris Type II physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	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
S59.231A	Salter-Harris Type III physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	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
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
78.53	Internal fixation of radius and ulna without fracture reduction	Procedure	ICD-9-CM
79.02	Closed reduction of fracture of radius and ulna without internal fixation	Procedure	ICD-9-CM
79.12	Closed reduction of fracture of radius and ulna with internal fixation	Procedure	ICD-9-CM
79.22	Open reduction of fracture of radius and ulna without internal fixation	Procedure	ICD-9-CM
79.32	Open reduction of fracture of radius and ulna with internal fixation	Procedure	ICD-9-CM
79.62	Debridement of open fracture of radius and ulna	Procedure	ICD-9-CM
OPBH0ZZ	Excision of Right Radius, Open Approach	Procedure	ICD-10-PCS
OPBJ0ZZ	Excision of Left Radius, Open Approach	Procedure	ICD-10-PCS
OPBK0ZZ	Excision of Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPBL0ZZ	Excision of Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHH04Z	Insertion of Internal Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHH06Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHH34Z	Insertion of Internal Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH36Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH44Z	Insertion of Internal Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHH46Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHJ04Z	Insertion of Internal Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
OPHJ06Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
OPHJ34Z	Insertion of Internal Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ36Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ44Z	Insertion of Internal Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHJ46Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHK04Z	Insertion of Internal Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPHK06Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPHK34Z	Insertion of Internal Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK36Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK44Z	Insertion of Internal Fixation Device into Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHK46Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHL04Z	Insertion of Internal Fixation Device into Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHL06Z	Insertion of Intramedullary Internal Fixation Device into Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHL34Z	Insertion of Internal Fixation Device into Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHL36Z	Insertion of Intramedullary Internal Fixation Device into Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHL44Z	Insertion of Internal Fixation Device into Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHL46Z	Insertion of Intramedullary Internal Fixation Device into Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH04Z	Reposition Right Radius with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH05Z	Reposition Right Radius with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH06Z	Reposition Right Radius with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0BZ	Reposition Right Radius with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0CZ	Reposition Right Radius with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0DZ	Reposition Right Radius with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0ZZ	Reposition Right Radius, Open Approach	Procedure	ICD-10-PCS
OPSH34Z	Reposition Right Radius with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH35Z	Reposition Right Radius with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH36Z	Reposition Right Radius with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH3BZ	Reposition Right Radius with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH3CZ	Reposition Right Radius with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH3DZ	Reposition Right Radius with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPSH3ZZ	Reposition Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH44Z	Reposition Right Radius with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH45Z	Reposition Right Radius with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH46Z	Reposition Right Radius with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4BZ	Reposition Right Radius with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4CZ	Reposition Right Radius with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4DZ	Reposition Right Radius with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4ZZ	Reposition Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSHXZZ	Reposition Right Radius, External Approach	Procedure	ICD-10-PCS
OPSI04Z	Reposition Left Radius with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSI05Z	Reposition Left Radius with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSI06Z	Reposition Left Radius with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSI0BZ	Reposition Left Radius with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSI0CZ	Reposition Left Radius with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSI0DZ	Reposition Left Radius with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSI0ZZ	Reposition Left Radius, Open Approach	Procedure	ICD-10-PCS
OPSI34Z	Reposition Left Radius with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI35Z	Reposition Left Radius with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI36Z	Reposition Left Radius with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI3BZ	Reposition Left Radius with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI3CZ	Reposition Left Radius with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI3DZ	Reposition Left Radius with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI3ZZ	Reposition Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPSI44Z	Reposition Left Radius with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSI45Z	Reposition Left Radius with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPSJ46Z	Reposition Left Radius with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4BZ	Reposition Left Radius with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4CZ	Reposition Left Radius with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4DZ	Reposition Left Radius with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4ZZ	Reposition Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJXZZ	Reposition Left Radius, External Approach	Procedure	ICD-10-PCS
OPSK04Z	Reposition Right Ulna with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK05Z	Reposition Right Ulna with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK06Z	Reposition Right Ulna with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0CZ	Reposition Right Ulna with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0DZ	Reposition Right Ulna with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0ZZ	Reposition Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPSK34Z	Reposition Right Ulna with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK35Z	Reposition Right Ulna with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK36Z	Reposition Right Ulna with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3CZ	Reposition Right Ulna with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3DZ	Reposition Right Ulna with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3ZZ	Reposition Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK44Z	Reposition Right Ulna with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK45Z	Reposition Right Ulna with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK46Z	Reposition Right Ulna with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK4BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK4CZ	Reposition Right Ulna with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
OPSK4DZ	Reposition Right Ulna with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK4ZZ	Reposition Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSKXZZ	Reposition Right Ulna, External Approach	Procedure	ICD-10-PCS
OPSL04Z	Reposition Left Ulna with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL05Z	Reposition Left Ulna with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL06Z	Reposition Left Ulna with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0BZ	Reposition Left Ulna with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0CZ	Reposition Left Ulna with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0DZ	Reposition Left Ulna with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0ZZ	Reposition Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPSL34Z	Reposition Left Ulna with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL35Z	Reposition Left Ulna with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL36Z	Reposition Left Ulna with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3BZ	Reposition Left Ulna with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3CZ	Reposition Left Ulna with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3DZ	Reposition Left Ulna with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3ZZ	Reposition Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL44Z	Reposition Left Ulna with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL45Z	Reposition Left Ulna with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL46Z	Reposition Left Ulna with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4BZ	Reposition Left Ulna with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4CZ	Reposition Left Ulna with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4DZ	Reposition Left Ulna with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4ZZ	Reposition Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSLXZZ	Reposition Left Ulna, External Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
24580	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); Without Manipulation	Procedure	CPT-4
24581	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); With Manipulation	Procedure	CPT-4
24583	Treatment Of Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24585	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation;	Procedure	CPT-4
24586	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius);	Procedure	CPT-4
24587	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius); with implant arthroplasty	Procedure	CPT-4
24588	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation; With Implants And Fascia Lata Ligament Reconstruction	Procedure	CPT-4
24620	Closed treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), with manipulation	Procedure	CPT-4
24625	Treatment Of Open Monteggia Type Of Fracture Dislocation At Elbow (fracture Proximal End Of Ulna With Dislocation Of Radial Head), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24635	Open treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), includes internal fixation, when performed	Procedure	CPT-4
24650	Closed treatment of radial head or neck fracture; without manipulation	Procedure	CPT-4
24655	Closed treatment of radial head or neck fracture; with manipulation	Procedure	CPT-4
24660	Treatment Of Open Radial Head Or Neck Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24665	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed;	Procedure	CPT-4
24666	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed; with radial head prosthetic replacement	Procedure	CPT-4

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Code	Description	Code Category	Code Type
24670	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]); without manipulation	Procedure	CPT-4
24675	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]); with manipulation	Procedure	CPT-4
24680	Treatment Of Open Ulnar Fracture, Proximal End (olecranon Process), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24685	Open treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]), includes internal fixation, when performed	Procedure	CPT-4
25500	Closed treatment of radial shaft fracture; without manipulation	Procedure	CPT-4
25505	Closed treatment of radial shaft fracture; with manipulation	Procedure	CPT-4
25510	Treatment Of Open Radial Shaft Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25515	Open treatment of radial shaft fracture, includes internal fixation, when performed	Procedure	CPT-4
25530	Closed treatment of ulnar shaft fracture; without manipulation	Procedure	CPT-4
25535	Closed treatment of ulnar shaft fracture; with manipulation	Procedure	CPT-4
25540	Treatment Of Open Ulnar Shaft Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25545	Open treatment of ulnar shaft fracture, includes internal fixation, when performed	Procedure	CPT-4
25560	Closed treatment of radial and ulnar shaft fractures; without manipulation	Procedure	CPT-4
25565	Closed treatment of radial and ulnar shaft fractures; with manipulation	Procedure	CPT-4
25570	Treatment Of Open Radial And Ulnar Shaft Fractures, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25575	Open treatment of radial AND ulnar shaft fractures, with internal fixation, when performed; of radius AND ulna	Procedure	CPT-4
25600	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; without manipulation	Procedure	CPT-4
25605	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; with manipulation	Procedure	CPT-4
25610	Treatment Of Closed, Complex, Distal Radial Fracture (eg, Colles Or Smith Type) Or Epiphyseal Separation, With Or Without Fracture Of Ulnar Styloid, Requiring Manipulation; Without External Skeletal Fixation Or Percutaneous Pinning	Procedure	CPT-4
25611	Percutaneous skeletal fixation of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, with or without fracture of ulnar styloid, requiring manipulation, with or without external fixation	Procedure	CPT-4

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Code	Description	Code Category	Code Type
25615	Treatment Of Open Distal Radial Fracture (eg, Colles Or Smith Type) Or Epiphyseal Separation, With Or Without Fracture Of Ulnar Styloid, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25620	Open treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, with or without fracture of ulnar styloid, with or without internal or external fixation	Procedure	CPT-4
25650	Closed treatment of ulnar styloid fracture	Procedure	CPT-4
29065	Application, cast; shoulder to hand (long arm)	Procedure	CPT-4
29075	Application, cast; elbow to finger (short arm)	Procedure	CPT-4
29085	Application, cast; hand and lower forearm (gauntlet)	Procedure	CPT-4
29105	Application of long arm splint (shoulder to hand)	Procedure	CPT-4
29125	Application of short arm splint (forearm to hand); static	Procedure	CPT-4
29126	Application of short arm splint (forearm to hand); dynamic	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Vertebral Fracture			
733.13	Pathologic fracture of vertebrae	Diagnosis	ICD-9-CM
805	Fracture of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.0	Closed fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.00	Closed fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.01	Closed fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.02	Closed fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.03	Closed fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.04	Closed fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.05	Closed fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.06	Closed fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.07	Closed fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.08	Closed fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.1	Open fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.10	Open fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.11	Open fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
805.12	Open fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.13	Open fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.14	Open fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.15	Open fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.16	Open fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.17	Open fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.18	Open fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.3	Open fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.5	Open fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.6	Closed fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.7	Open fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.8	Closed fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.9	Open fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
M48.50XA	Collapsed vertebra, not elsewhere classified, site unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.51XA	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.52XA	Collapsed vertebra, not elsewhere classified, cervical region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.53XA	Collapsed vertebra, not elsewhere classified, cervicothoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.54XA	Collapsed vertebra, not elsewhere classified, thoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.55XA	Collapsed vertebra, not elsewhere classified, thoracolumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.56XA	Collapsed vertebra, not elsewhere classified, lumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.57XA	Collapsed vertebra, not elsewhere classified, lumbosacral region, initial encounter for fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M48.58XA	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.08XA	Age-related osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	Diagnosis	ICD-10-CM
M80.88XA	Other osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	Diagnosis	ICD-10-CM
M84.48XA	Pathological fracture, other site, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.58XA	Pathological fracture in neoplastic disease, other specified site, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.68XA	Pathological fracture in other disease, other site, initial encounter for fracture	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
S12.001A	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
S12.01XA	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
S12.02XA	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
S12.030A	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
S12.031A	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
S12.040A	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

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Code	Description	Code Category	Code Type
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	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
S12.091A	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
S12.100A	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
S12.101A	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
S12.110A	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
S12.111A	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
S12.112A	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
S12.120A	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
S12.121A	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
S12.130A	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
S12.131A	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
S12.14XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.14XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture	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
S12.151A	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
S12.190A	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
S12.191A	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
S12.200A	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
S12.201A	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
S12.230A	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
S12.231A	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
S12.24XA	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
S12.250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	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
S12.290A	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
S12.291A	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
S12.300A	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
S12.301A	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
S12.330A	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
S12.331A	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
S12.34XA	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
S12.350A	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
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	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
S12.391A	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
S12.400A	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
S12.401A	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
S12.430A	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
S12.431A	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
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	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
S12.451A	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
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture	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
S12.500A	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
S12.501A	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
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	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
S12.54XA	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
S12.550A	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
S12.551A	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
S12.590A	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
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
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
S12.601A	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
S12.630A	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
S12.631A	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
S12.64XA	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
S12.650A	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
S12.651A	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
S12.690A	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
S12.691A	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
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S22.001A	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
S22.002A	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
S22.008A	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
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	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
S22.011A	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
S22.012A	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
S22.018A	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
S22.019A	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
S22.020A	Wedge compression fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for open fracture	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
S22.022A	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
S22.028A	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
S22.029A	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
S22.030A	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
S22.031A	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
S22.032A	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
S22.038A	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
S22.039A	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
S22.040A	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

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Code	Description	Code Category	Code Type
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
S22.042A	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
S22.048A	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
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
S22.050A	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
S22.051A	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
S22.052A	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
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
S22.059A	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
S22.060A	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
S22.061A	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
S22.062A	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
S22.068A	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

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Code	Description	Code Category	Code Type
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
S22.070A	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
S22.071A	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
S22.072A	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
S22.078A	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
S22.079A	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
S22.080A	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
S22.081A	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
S22.082A	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
S22.088A	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
S22.089A	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
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
S32.001A	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

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Code	Description	Code Category	Code Type
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
S32.008A	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
S32.009A	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
S32.010A	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
S32.011A	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
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	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
S32.019A	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
S32.020A	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
S32.021A	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
S32.022A	Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.022B	Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture	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
S32.029A	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
S32.030A	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
S32.031A	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
S32.032A	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
S32.038A	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
S32.039A	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
S32.040A	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
S32.041A	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
S32.042A	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

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Code	Description	Code Category	Code Type
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
S32.049A	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
S32.050A	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
S32.051A	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
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
S32.058A	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
S32.059A	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
S32.10XA	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
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
S32.111A	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
S32.112A	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
S32.119A	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
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture	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
S32.122A	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
S32.129A	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
S32.130A	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
S32.131A	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
S32.132A	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
S32.139A	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
S32.14XA	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
S32.15XA	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
S32.16XA	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
S32.17XA	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
S32.19XA	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
S32.2XXA	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
Secondary: Any Fracture			
733.1	Pathologic fracture	Diagnosis	ICD-9-CM
800	Fracture of vault of skull	Diagnosis	ICD-9-CM
800.0	Closed fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.00	Closed fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.01	Closed fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.02	Closed fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.03	Closed fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.04	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.05	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.06	Closed fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.09	Closed fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.1	Closed fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.10	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.11	Closed fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.12	Closed fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.13	Closed fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.14	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.15	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.16	Closed fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.19	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.2	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.20	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.21	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.22	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.23	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.24	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.25	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.26	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.29	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.3	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.30	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.31	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.32	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.33	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.34	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.35	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.36	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.39	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.4	Closed fracture of vault of skull with intercranial injury of other and unspecified nature	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.40	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.41	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.42	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.43	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.44	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.45	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.46	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.49	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
800.5	Open fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
800.50	Open fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.51	Open fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.52	Open fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.53	Open fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.54	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.55	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.56	Open fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.59	Open fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.6	Open fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.60	Open fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
800.61	Open fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.62	Open fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.63	Open fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.64	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.65	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.66	Open fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.69	Open fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.7	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.70	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.71	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.72	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.73	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.74	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.75	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.76	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.79	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.8	Open fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.80	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
800.81	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.82	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.83	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.84	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.85	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.86	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.89	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.9	Open fracture of vault of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.90	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.91	Open fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.92	Open fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.93	Open fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.94	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.95	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.96	Open fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.99	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801	Fracture of base of skull	Diagnosis	ICD-9-CM
801.0	Closed fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.00	Closed fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.01	Closed fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.02	Closed fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.03	Closed fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.04	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.05	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.06	Closed fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.09	Closed fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.1	Closed fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.10	Closed fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.11	Closed fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.12	Closed fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.13	Closed fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.14	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.15	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.16	Closed fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.19	Closed fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.2	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.20	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.21	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.22	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.23	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.24	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.25	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.26	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.29	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.3	Closed fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.30	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.31	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.32	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.33	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.34	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.35	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.36	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.39	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.4	Closed fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.40	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.41	Closed fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.42	Closed fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.43	Closed fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.44	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.45	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.46	Closed fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.49	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801.5	Open fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.50	Open fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.51	Open fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.52	Open fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.53	Open fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.54	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.55	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.56	Open fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.59	Open fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.6	Open fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.60	Open fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.61	Open fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.62	Open fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.63	Open fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.64	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.65	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.66	Open fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.69	Open fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.7	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.70	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.71	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.72	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.73	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.74	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.75	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.76	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.79	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.8	Open fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.80	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.81	Open fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
801.82	Open fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.83	Open fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.84	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.85	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.86	Open fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.89	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.9	Open fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.90	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.91	Open fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.92	Open fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.93	Open fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.94	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.95	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.96	Open fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.99	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
802	Fracture of face bones	Diagnosis	ICD-9-CM
802.0	Nasal bones, closed fracture	Diagnosis	ICD-9-CM
802.1	Nasal bones, open fracture	Diagnosis	ICD-9-CM
802.2	Mandible, closed fracture	Diagnosis	ICD-9-CM
802.20	Closed fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.21	Closed fracture of condylar process of mandible	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
802.22	Closed fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.23	Closed fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.24	Closed fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.25	Closed fracture of angle of jaw	Diagnosis	ICD-9-CM
802.26	Closed fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.27	Closed fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.28	Closed fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.29	Closed fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.3	Mandible, open fracture	Diagnosis	ICD-9-CM
802.30	Open fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.31	Open fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.32	Open fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.33	Open fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.34	Open fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.35	Open fracture of angle of jaw	Diagnosis	ICD-9-CM
802.36	Open fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.37	Open fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.38	Open fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.39	Open fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.4	Malar and maxillary bones, closed fracture	Diagnosis	ICD-9-CM
802.5	Malar and maxillary bones, open fracture	Diagnosis	ICD-9-CM
802.6	Orbital floor (blow-out), closed fracture	Diagnosis	ICD-9-CM
802.7	Orbital floor (blow-out), open fracture	Diagnosis	ICD-9-CM
802.8	Other facial bones, closed fracture	Diagnosis	ICD-9-CM
802.9	Other facial bones, open fracture	Diagnosis	ICD-9-CM
803	Other and unqualified skull fractures	Diagnosis	ICD-9-CM
803.0	Other closed skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.00	Other closed skull fracture without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.01	Other closed skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.02	Other closed skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.03	Other closed skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.04	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.05	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.06	Other closed skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.09	Other closed skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.1	Other closed skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.10	Other closed skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.11	Other closed skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
803.12	Other closed skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.13	Other closed skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.14	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.15	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.16	Other closed skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.19	Other closed skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.2	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.20	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.21	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.22	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.23	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.24	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.25	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.26	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.29	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.3	Closed skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.30	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified state of unconsciousness	Diagnosis	ICD-9-CM
803.31	Other closed skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.32	Other closed skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.33	Other closed skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.34	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.35	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.36	Other closed skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.39	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.4	Other closed skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.40	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.41	Other closed skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.42	Other closed skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.43	Other closed skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.44	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.45	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.46	Other closed skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.49	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
803.5	Other open skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.50	Other open skull fracture without mention of injury, state of consciousness unspecified	Diagnosis	ICD-9-CM
803.51	Other open skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.52	Other open skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.53	Other open skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.54	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.55	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.56	Other open skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.59	Other open skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.6	Other open skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.60	Other open skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.61	Other open skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
803.62	Other open skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.63	Other open skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.64	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.65	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.66	Other open skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.69	Other open skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.7	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.70	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.71	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.72	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.73	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.74	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.75	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.76	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.79	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.8	Other open skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.80	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.81	Other open skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.82	Other open skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.83	Other open skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.84	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
803.85	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.86	Other open skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.89	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.9	Other open skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.90	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.91	Other open skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.92	Other open skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.93	Other open skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.94	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.95	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.96	Other open skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.99	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804	Multiple fractures involving skull or face with other bones	Diagnosis	ICD-9-CM
804.0	Closed fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.00	Closed fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.01	Closed fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
804.02	Closed fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.03	Closed fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.04	Closed fractures involving skull or face with other bones, without mention or intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.05	Closed fractures involving skull of face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.06	Closed fractures involving skull of face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.09	Closed fractures involving skull of face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
804.1	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.10	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.11	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.12	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.13	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.14	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.15	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.16	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.19	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.2	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.20	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.21	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.22	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.23	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.24	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.25	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.26	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.29	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.3	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.30	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.31	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.32	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.33	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.34	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to preexisting conscious level	Diagnosis	ICD-9-CM
804.35	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.36	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.39	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.4	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.40	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.41	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.42	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.43	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.44	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.45	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.46	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.49	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804.5	Open fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.50	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.51	Open fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
804.52	Open fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.53	Open fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.54	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.55	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.56	Open fractures involving skull or face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.59	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
804.6	Open fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.60	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.61	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.62	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.63	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.64	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.65	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.66	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.69	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.7	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.70	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.71	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.72	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.73	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.74	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.75	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.76	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.79	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.8	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.80	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.81	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.82	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.83	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.84	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.85	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.86	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.89	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.9	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.90	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.91	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.92	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.93	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
804.94	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.95	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing level	Diagnosis	ICD-9-CM
804.96	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.99	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
805	Fracture of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.0	Closed fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.00	Closed fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.01	Closed fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.02	Closed fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.03	Closed fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.04	Closed fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.05	Closed fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.06	Closed fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.07	Closed fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.08	Closed fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.1	Open fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.10	Open fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.11	Open fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.12	Open fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.13	Open fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
805.14	Open fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.15	Open fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.16	Open fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.17	Open fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.18	Open fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.3	Open fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.5	Open fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.6	Closed fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.7	Open fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.8	Closed fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.9	Open fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
806	Fracture of vertebral column with spinal cord injury	Diagnosis	ICD-9-CM
806.0	Closed fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.00	Closed fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.01	Closed fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.02	Closed fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.03	Closed fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.04	Closed fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.05	Closed fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.06	Closed fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.07	Closed fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.08	Closed fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.09	Closed fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.1	Open fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.10	Open fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.11	Open fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.12	Open fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.13	Open fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.14	Open fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.15	Open fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.16	Open fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
806.17	Open fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.18	Open fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.19	Open fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.2	Closed fracture of dorsal (thoracic) vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.20	Closed fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.21	Closed fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.22	Closed fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.23	Closed fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.24	Closed fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.25	Closed fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.26	Closed fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.27	Closed fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.28	Closed fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.29	Closed fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.3	Open fracture of dorsal vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.30	Open fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.31	Open fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.32	Open fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.33	Open fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.34	Open fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.35	Open fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.36	Open fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.37	Open fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.38	Open fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.39	Open fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.4	Closed fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.5	Open fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.6	Closed fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.60	Closed fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.61	Closed fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.62	Closed fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.69	Closed fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.7	Open fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.70	Open fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.71	Open fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.72	Open fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.79	Open fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.8	Closed fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.9	Open fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
807	Fracture of rib(s), sternum, larynx, and trachea	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
807.0	Closed fracture of rib(s)	Diagnosis	ICD-9-CM
807.00	Closed fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.01	Closed fracture of one rib	Diagnosis	ICD-9-CM
807.02	Closed fracture of two ribs	Diagnosis	ICD-9-CM
807.03	Closed fracture of three ribs	Diagnosis	ICD-9-CM
807.04	Closed fracture of four ribs	Diagnosis	ICD-9-CM
807.05	Closed fracture of five ribs	Diagnosis	ICD-9-CM
807.06	Closed fracture of six ribs	Diagnosis	ICD-9-CM
807.07	Closed fracture of seven ribs	Diagnosis	ICD-9-CM
807.08	Closed fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.09	Closed fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.1	Open fracture of rib(s)	Diagnosis	ICD-9-CM
807.10	Open fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.11	Open fracture of one rib	Diagnosis	ICD-9-CM
807.12	Open fracture of two ribs	Diagnosis	ICD-9-CM
807.13	Open fracture of three ribs	Diagnosis	ICD-9-CM
807.14	Open fracture of four ribs	Diagnosis	ICD-9-CM
807.15	Open fracture of five ribs	Diagnosis	ICD-9-CM
807.16	Open fracture of six ribs	Diagnosis	ICD-9-CM
807.17	Open fracture of seven ribs	Diagnosis	ICD-9-CM
807.18	Open fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.19	Open fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.2	Closed fracture of sternum	Diagnosis	ICD-9-CM
807.3	Open fracture of sternum	Diagnosis	ICD-9-CM
807.4	Flail chest	Diagnosis	ICD-9-CM
807.5	Closed fracture of larynx and trachea	Diagnosis	ICD-9-CM
807.6	Open fracture of larynx and trachea	Diagnosis	ICD-9-CM
808	Fracture of pelvis	Diagnosis	ICD-9-CM
808.0	Closed fracture of acetabulum	Diagnosis	ICD-9-CM
808.1	Open fracture of acetabulum	Diagnosis	ICD-9-CM
808.2	Closed fracture of pubis	Diagnosis	ICD-9-CM
808.3	Open fracture of pubis	Diagnosis	ICD-9-CM
808.4	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.41	Closed fracture of ilium	Diagnosis	ICD-9-CM
808.42	Closed fracture of ischium	Diagnosis	ICD-9-CM
808.43	Multiple closed pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.44	Multiple closed pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.49	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.5	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.51	Open fracture of ilium	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
808.52	Open fracture of ischium	Diagnosis	ICD-9-CM
808.53	Multiple open pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.54	Multiple open pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.59	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.8	Unspecified closed fracture of pelvis	Diagnosis	ICD-9-CM
808.9	Unspecified open fracture of pelvis	Diagnosis	ICD-9-CM
809	Ill-defined fractures of bones of trunk	Diagnosis	ICD-9-CM
809.0	Fracture of bones of trunk, closed	Diagnosis	ICD-9-CM
809.1	Fracture of bones of trunk, open	Diagnosis	ICD-9-CM
810	Fracture of clavicle	Diagnosis	ICD-9-CM
810.0	Closed fracture of clavicle	Diagnosis	ICD-9-CM
810.00	Unspecified part of closed fracture of clavicle	Diagnosis	ICD-9-CM
810.01	Closed fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.02	Closed fracture of shaft of clavicle	Diagnosis	ICD-9-CM
810.03	Closed fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
810.1	Open fracture of clavicle	Diagnosis	ICD-9-CM
810.10	Unspecified part of open fracture of clavicle	Diagnosis	ICD-9-CM
810.11	Open fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.12	Open fracture of shaft of clavicle	Diagnosis	ICD-9-CM
810.13	Open fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
811	Fracture of scapula	Diagnosis	ICD-9-CM
811.0	Closed fracture of scapula	Diagnosis	ICD-9-CM
811.00	Closed fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.01	Closed fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.02	Closed fracture of coracoid process of scapula	Diagnosis	ICD-9-CM
811.03	Closed fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.09	Closed fracture of other part of scapula	Diagnosis	ICD-9-CM
811.1	Open fracture of scapula	Diagnosis	ICD-9-CM
811.10	Open fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.11	Open fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.12	Open fracture of coracoid process	Diagnosis	ICD-9-CM
811.13	Open fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.19	Open fracture of other part of scapula	Diagnosis	ICD-9-CM
812	Fracture of humerus	Diagnosis	ICD-9-CM
812.0	Closed fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.00	Closed fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.01	Closed fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.02	Closed fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.03	Closed fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.09	Other closed fractures of upper end of humerus	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
812.1	Open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.2	Closed fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.20	Closed fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.21	Closed fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.3	Open fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.4	Closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.40	Closed fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.41	Closed fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.42	Closed fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.43	Closed fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.44	Closed fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.49	Other closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.5	Open fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.50	Open fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.51	Open fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.52	Open fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.53	Open fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.54	Open fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.59	Other open fracture of lower end of humerus	Diagnosis	ICD-9-CM
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813.0	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.00	Unspecified fracture of radius and ulna, upper end of forearm, closed	Diagnosis	ICD-9-CM
813.01	Closed fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.02	Closed fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.03	Closed Monteggia's fracture	Diagnosis	ICD-9-CM
813.04	Other and unspecified closed fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.05	Closed fracture of head of radius	Diagnosis	ICD-9-CM
813.06	Closed fracture of neck of radius	Diagnosis	ICD-9-CM
813.07	Other and unspecified closed fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.08	Closed fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.1	Open fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.10	Unspecified open fracture of upper end of forearm	Diagnosis	ICD-9-CM
813.11	Open fracture of olecranon process of ulna	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
813.12	Open fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.13	Open Monteggia's fracture	Diagnosis	ICD-9-CM
813.14	Other and unspecified open fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.15	Open fracture of head of radius	Diagnosis	ICD-9-CM
813.16	Open fracture of neck of radius	Diagnosis	ICD-9-CM
813.17	Other and unspecified open fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.18	Open fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.2	Closed fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.20	Unspecified closed fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.21	Closed fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.22	Closed fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.23	Closed fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.3	Open fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.30	Unspecified open fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.31	Open fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.32	Open fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.33	Open fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.4	Closed fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.40	Unspecified closed fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.41	Closed Colles' fracture	Diagnosis	ICD-9-CM
813.42	Other closed fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.43	Closed fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.44	Closed fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.45	Torus fracture of radius (alone)	Diagnosis	ICD-9-CM
813.46	Torus fracture of ulna (alone)	Diagnosis	ICD-9-CM
813.47	Torus fracture of radius and ulna	Diagnosis	ICD-9-CM
813.5	Open fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.50	Unspecified open fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.51	Open Colles' fracture	Diagnosis	ICD-9-CM
813.52	Other open fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.53	Open fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.54	Open fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.8	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.80	Closed fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.81	Closed fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.82	Closed fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.83	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.9	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.90	Open fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.91	Open fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
813.92	Open fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.93	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
814	Fracture of carpal bone(s)	Diagnosis	ICD-9-CM
814.0	Closed fractures of carpal bones	Diagnosis	ICD-9-CM
814.00	Unspecified closed fracture of carpal bone	Diagnosis	ICD-9-CM
814.01	Closed fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.02	Closed fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.03	Closed fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.04	Closed fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.05	Closed fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.06	Closed fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.07	Closed fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.08	Closed fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.09	Closed fracture of other bone of wrist	Diagnosis	ICD-9-CM
814.1	Open fractures of carpal bones	Diagnosis	ICD-9-CM
814.10	Unspecified open fracture of carpal bone	Diagnosis	ICD-9-CM
814.11	Open fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.12	Open fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.13	Open fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.14	Open fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.15	Open fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.16	Open fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.17	Open fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.18	Open fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.19	Open fracture of other bone of wrist	Diagnosis	ICD-9-CM
815	Fracture of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.0	Closed fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.00	Closed fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.01	Closed fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.02	Closed fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.03	Closed fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.04	Closed fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.09	Closed fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM
815.1	Open fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.10	Open fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.11	Open fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.12	Open fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.13	Open fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.14	Open fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.19	Open fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
816	Fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.0	Closed fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.00	Closed fracture of unspecified phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.01	Closed fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.02	Closed fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.03	Closed fracture of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.1	Open fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.10	Open fracture of phalanx or phalanges of hand, unspecified	Diagnosis	ICD-9-CM
816.11	Open fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.12	Open fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.13	Open fractures of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
817	Multiple fractures of hand bones	Diagnosis	ICD-9-CM
817.0	Multiple closed fractures of hand bones	Diagnosis	ICD-9-CM
817.1	Multiple open fractures of hand bones	Diagnosis	ICD-9-CM
818	Ill-defined fractures of upper limb	Diagnosis	ICD-9-CM
818.0	Ill-defined closed fractures of upper limb	Diagnosis	ICD-9-CM
818.1	Ill-defined open fractures of upper limb	Diagnosis	ICD-9-CM
819	Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.0	Multiple closed fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.1	Multiple open fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.00	Closed fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.01	Closed fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.02	Closed fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.03	Closed fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.09	Other closed transcervical fracture of femur	Diagnosis	ICD-9-CM
820.1	Open transcervical fracture	Diagnosis	ICD-9-CM
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.2	Closed pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.20	Closed fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.21	Closed fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.22	Closed fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
820.3	Open pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.8	Closed fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
821	Fracture of other and unspecified parts of femur	Diagnosis	ICD-9-CM
821.0	Closed fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.00	Closed fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.01	Closed fracture of shaft of femur	Diagnosis	ICD-9-CM
821.1	Open fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
821.2	Closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.21	Closed fracture of femoral condyle	Diagnosis	ICD-9-CM
821.22	Closed fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.23	Closed supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.29	Other closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.3	Open fracture of lower end of femur	Diagnosis	ICD-9-CM
821.30	Open fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.31	Open fracture of femoral condyle	Diagnosis	ICD-9-CM
821.32	Open fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.33	Open supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.39	Other open fracture of lower end of femur	Diagnosis	ICD-9-CM
822	Fracture of patella	Diagnosis	ICD-9-CM
822.0	Closed fracture of patella	Diagnosis	ICD-9-CM
822.1	Open fracture of patella	Diagnosis	ICD-9-CM
823	Fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.0	Closed fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.00	Closed fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.01	Closed fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.02	Closed fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.1	Open fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.10	Open fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.11	Open fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.12	Open fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.2	Closed fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.20	Closed fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.21	Closed fracture of shaft of fibula	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
823.22	Closed fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.3	Open fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.30	Open fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.31	Open fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.32	Open fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.4	Torus fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.40	Torus fracture of tibia alone	Diagnosis	ICD-9-CM
823.41	Torus fracture of fibula alone	Diagnosis	ICD-9-CM
823.42	Torus fracture of fibula with tibia	Diagnosis	ICD-9-CM
823.8	Closed fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM
823.80	Closed fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.81	Closed fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.82	Closed fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
823.9	Open fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM
823.90	Open fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.91	Open fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.92	Open fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
824	Fracture of ankle	Diagnosis	ICD-9-CM
824.0	Closed fracture of medial malleolus	Diagnosis	ICD-9-CM
824.1	Open fracture of medial malleolus	Diagnosis	ICD-9-CM
824.2	Closed fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.3	Open fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.4	Closed bimalleolar fracture	Diagnosis	ICD-9-CM
824.5	Open bimalleolar fracture	Diagnosis	ICD-9-CM
824.6	Closed trimalleolar fracture	Diagnosis	ICD-9-CM
824.7	Open trimalleolar fracture	Diagnosis	ICD-9-CM
824.8	Unspecified closed fracture of ankle	Diagnosis	ICD-9-CM
824.9	Unspecified open fracture of ankle	Diagnosis	ICD-9-CM
825	Fracture of one or more tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.0	Closed fracture of calcaneus	Diagnosis	ICD-9-CM
825.1	Open fracture of calcaneus	Diagnosis	ICD-9-CM
825.2	Closed fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.20	Closed fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.21	Closed fracture of astragalus	Diagnosis	ICD-9-CM
825.22	Closed fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.23	Closed fracture of cuboid bone	Diagnosis	ICD-9-CM
825.24	Closed fracture of cuneiform bone of foot	Diagnosis	ICD-9-CM
825.25	Closed fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.29	Other closed fracture of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.3	Open fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
825.30	Open fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.31	Open fracture of astragalus	Diagnosis	ICD-9-CM
825.32	Open fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.33	Open fracture of cuboid bone	Diagnosis	ICD-9-CM
825.34	Open fracture of cuneiform bone of foot,	Diagnosis	ICD-9-CM
825.35	Open fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.39	Other open fractures of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
826	Fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.0	Closed fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.1	Open fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
827	Other, multiple, and ill-defined fractures of lower limb	Diagnosis	ICD-9-CM
827.0	Other, multiple and ill-defined closed fractures of lower limb	Diagnosis	ICD-9-CM
827.1	Other, multiple and ill-defined open fractures of lower limb	Diagnosis	ICD-9-CM
828	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.0	Multiple closed fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.1	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum, open	Diagnosis	ICD-9-CM
829	Fracture of unspecified bones	Diagnosis	ICD-9-CM
829.0	Closed fracture of unspecified bone	Diagnosis	ICD-9-CM
829.1	Open fracture of unspecified bone	Diagnosis	ICD-9-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
S02.101A	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
S02.102A	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
S02.109A	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
S02.110A	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
S02.111A	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

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Code	Description	Code Category	Code Type
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
S02.113A	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
S02.118A	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
S02.119A	Unspecified fracture of occiput, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.119B	Unspecified fracture of occiput, initial encounter for open fracture	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
S02.11BA	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
S02.11CA	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
S02.11DA	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
S02.11EA	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
S02.11FA	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
S02.11GA	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
S02.11HA	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
S02.19XA	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

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Code	Description	Code Category	Code Type
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
S02.30XA	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
S02.31XA	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
S02.32XA	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
S02.400A	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
S02.401A	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
S02.402A	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
S02.40AA	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
S02.40BA	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
S02.40CA	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
S02.40DA	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
S02.40EA	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
S02.40FA	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
S02.411A	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
S02.412A	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
S02.413A	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
S02.42XA	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
S02.600A	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

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Code	Description	Code Category	Code Type
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
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
S02.609A	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
S02.610A	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
S02.611A	Fracture of condylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.611B	Fracture of condylar process of right mandible, initial encounter for open fracture	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
S02.620A	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
S02.621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture	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
S02.630A	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
S02.631A	Fracture of coronoid process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S02.631B	Fracture of coronoid process of right mandible, initial encounter for open fracture	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
S02.640A	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
S02.641A	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
S02.642A	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
S02.650A	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
S02.651A	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
S02.652A	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
S02.66XA	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
S02.670A	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
S02.671A	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
S02.672A	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
S02.69XA	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
S02.80XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S02.82XA	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
S02.91XA	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
S02.92XA	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
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	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
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.336A	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
S06.337A	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
S06.338A	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
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	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

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Code	Description	Code Category	Code Type
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
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
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.366A	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
S06.367A	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
S06.368A	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
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X6A	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
S06.4X7A	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
S06.4X8A	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
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.5X6A	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
S06.5X7A	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
S06.5X8A	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
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.6X6A	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

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Code	Description	Code Category	Code Type
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
S06.6X8A	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
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	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
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.896A	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
S06.897A	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
S06.898A	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
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	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
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	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
S06.9X6A	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
S06.9X7A	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
S06.9X8A	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
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	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
S12.001A	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
S12.01XA	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
S12.02XA	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
S12.030A	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
S12.031A	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

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Code	Description	Code Category	Code Type
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
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	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
S12.091A	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
S12.100A	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
S12.101A	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
S12.110A	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
S12.111A	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
S12.112A	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
S12.120A	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
S12.121A	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
S12.130A	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
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	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
S12.150A	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
S12.151A	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
S12.190A	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
S12.191A	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
S12.200A	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
S12.201A	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
S12.230A	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
S12.231A	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
S12.24XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.24XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture	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
S12.251A	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
S12.290A	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
S12.291A	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
S12.300A	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
S12.301A	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
S12.330A	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
S12.331A	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
S12.34XA	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
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	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
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
S12.391A	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
S12.400A	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
S12.401A	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
S12.430A	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
S12.431A	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
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	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
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	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
S12.491A	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
S12.500A	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
S12.501A	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
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	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
S12.54XA	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
S12.550A	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
S12.551A	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
S12.590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture	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
S12.600A	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
S12.601A	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
S12.630A	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
S12.631A	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
S12.64XA	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
S12.650A	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
S12.651A	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
S12.690A	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
S12.691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S12.691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.8XXA	Fracture of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	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
S22.001A	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
S22.002A	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
S22.008A	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
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	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
S22.011A	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
S22.012A	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
S22.018A	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
S22.019A	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

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Code	Description	Code Category	Code Type
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
S22.021A	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
S22.022A	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
S22.028A	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
S22.029A	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
S22.030A	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
S22.031A	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
S22.032A	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
S22.038A	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
S22.039A	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
S22.040A	Wedge compression fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.040B	Wedge compression fracture of fourth thoracic vertebra, initial encounter for open fracture	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
S22.042A	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
S22.048A	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
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
S22.050A	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
S22.051A	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
S22.052A	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
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
S22.059A	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
S22.060A	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
S22.061A	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
S22.062A	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

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Code	Description	Code Category	Code Type
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
S22.069A	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
S22.070A	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
S22.071A	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
S22.072A	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
S22.078A	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
S22.079A	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
S22.080A	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
S22.081A	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
S22.082A	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
S22.088A	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
S22.089A	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
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
S22.21XA	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
S22.22XA	Fracture of body of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S22.22XB	Fracture of body of sternum, initial encounter for open fracture	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
S22.24XA	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
S22.31XA	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
S22.32XA	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
S22.39XA	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
S22.41XA	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
S22.42XA	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
S22.43XA	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
S22.49XA	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
S22.5XXA	Flail chest, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.5XXB	Flail chest, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.9XXA	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
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	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
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	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
S32.001A	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
S32.002A	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
S32.008A	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
S32.009A	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
S32.010A	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
S32.011A	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

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Code	Description	Code Category	Code Type
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	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
S32.019A	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
S32.020A	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
S32.021A	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
S32.022A	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
S32.028A	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
S32.029A	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
S32.030A	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
S32.031A	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
S32.032A	Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.032B	Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture	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
S32.039A	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
S32.040A	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
S32.041A	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
S32.042A	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
S32.048A	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
S32.049A	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
S32.050A	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
S32.051A	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
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
S32.058A	Other fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.058B	Other fracture of fifth lumbar vertebra, initial encounter for open fracture	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
S32.10XA	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
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
S32.111A	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
S32.112A	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
S32.119A	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
S32.120A	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
S32.121A	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
S32.122A	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
S32.129A	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
S32.130A	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
S32.131A	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
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.132B	Severely displaced Zone III fracture of sacrum, initial encounter for open fracture	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
S32.14XA	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
S32.15XA	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
S32.16XA	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
S32.17XA	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
S32.19XA	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
S32.2XXA	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
S32.301A	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
S32.302A	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
S32.309A	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
S32.311A	Displaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.311B	Displaced avulsion fracture of right ilium, initial encounter for open fracture	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
S32.313A	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
S32.314A	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
S32.315A	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
S32.316A	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.316B	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for open fracture	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
S32.392A	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
S32.399A	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
S32.401A	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
S32.402A	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
S32.409A	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
S32.411A	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
S32.412A	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
S32.413A	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
S32.414A	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
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S32.422A	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
S32.423A	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
S32.424A	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
S32.425A	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
S32.426A	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
S32.431A	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
S32.432A	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
S32.433A	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
S32.434A	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

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Code	Description	Code Category	Code Type
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
S32.436A	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
S32.441A	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
S32.442A	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
S32.443A	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
S32.444A	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
S32.445A	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
S32.446A	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
S32.451A	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
S32.452A	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
S32.453A	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
S32.454A	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
S32.455A	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
S32.456A	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
S32.461A	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
S32.462A	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
S32.463A	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
S32.464A	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
S32.465A	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
S32.466A	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

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Code	Description	Code Category	Code Type
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
S32.472A	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
S32.473A	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
S32.474A	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
S32.475A	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
S32.476A	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
S32.481A	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
S32.482A	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
S32.483A	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
S32.484A	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

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Code	Description	Code Category	Code Type
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
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for open fracture	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
S32.492A	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
S32.499A	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
S32.501A	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
S32.502A	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
S32.509A	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
S32.511A	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
S32.512A	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
S32.519A	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
S32.591A	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
S32.592A	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

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Code	Description	Code Category	Code Type
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
S32.601A	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
S32.602A	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
S32.609A	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
S32.611A	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
S32.612A	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
S32.613A	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
S32.614A	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
S32.615A	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
S32.616A	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
S32.691A	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
S32.692A	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

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Code	Description	Code Category	Code Type
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
S32.810A	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
S32.811A	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
S32.82XA	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
S32.89XA	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
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
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	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
S42.002A	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
S42.009A	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
S42.011A	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
S42.012A	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
S42.013A	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
S42.014A	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
S42.015A	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
S42.016A	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.016B	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	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
S42.018A	Nondisplaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.018B	Nondisplaced fracture of sternal end of left clavicle, initial encounter for open fracture	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
S42.021A	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
S42.022A	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
S42.023A	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
S42.024A	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
S42.025A	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
S42.026A	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
S42.031A	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

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Code	Description	Code Category	Code Type
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
S42.033A	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
S42.034A	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
S42.035A	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
S42.036A	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.036B	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	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
S42.102A	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
S42.109A	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.109B	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for open fracture	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
S42.112A	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

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Code	Description	Code Category	Code Type
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
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
S42.115A	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
S42.116A	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
S42.121A	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
S42.122A	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
S42.123A	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
S42.124A	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
S42.125A	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
S42.126A	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

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Code	Description	Code Category	Code Type
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
S42.132A	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
S42.133A	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
S42.134A	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
S42.135A	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
S42.136A	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
S42.141A	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
S42.142A	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
S42.143A	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
S42.144A	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.144B	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S42.146A	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
S42.151A	Displaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.151B	Displaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	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
S42.153A	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
S42.154A	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
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
S42.156A	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
S42.191A	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
S42.192A	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

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Code	Description	Code Category	Code Type
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
S42.201A	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
S42.202A	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
S42.209A	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
S42.211A	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
S42.212A	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
S42.213A	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
S42.214A	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
S42.215A	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
S42.216A	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

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Code	Description	Code Category	Code Type
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
S42.222A	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
S42.223A	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
S42.224A	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
S42.225A	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
S42.226A	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
S42.231A	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
S42.232A	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
S42.239A	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
S42.241A	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

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Code	Description	Code Category	Code Type
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	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
S42.251A	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
S42.252A	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
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
S42.254A	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
S42.255A	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
S42.256A	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
S42.261A	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
S42.262A	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

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Code	Description	Code Category	Code Type
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
S42.264A	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
S42.265A	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
S42.266A	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
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	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
S42.292A	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
S42.293A	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
S42.294A	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
S42.295A	Other nondisplaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.295B	Other nondisplaced fracture of upper end of left humerus, initial encounter for open fracture	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
S42.301A	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
S42.302A	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
S42.309A	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
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S42.322A	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
S42.323A	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
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S42.326A	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
S42.331A	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
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
S42.333A	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
S42.334A	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
S42.335A	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
S42.336A	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
S42.341A	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
S42.342A	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

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Code	Description	Code Category	Code Type
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
S42.344A	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
S42.345A	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
S42.346A	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
S42.351A	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
S42.352A	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
S42.353A	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
S42.354A	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
S42.355A	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
S42.356A	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

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Code	Description	Code Category	Code Type
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
S42.362A	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
S42.363A	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
S42.364A	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
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	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
S42.391A	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
S42.392A	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
S42.399A	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
S42.401A	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
S42.402A	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

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Code	Description	Code Category	Code Type
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
S42.411A	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
S42.412A	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
S42.413A	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
S42.414A	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
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	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
S42.421A	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
S42.422A	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
S42.423A	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

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Code	Description	Code Category	Code Type
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
S42.425A	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
S42.426A	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
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	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
S42.433A	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
S42.434A	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
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
S42.436A	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
S42.441A	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

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Code	Description	Code Category	Code Type
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
S42.443A	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
S42.444A	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
S42.445A	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
S42.446A	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
S42.447A	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
S42.448A	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
S42.449A	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
S42.451A	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
S42.452A	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

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Code	Description	Code Category	Code Type
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
S42.454A	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
S42.455A	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
S42.456A	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
S42.461A	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
S42.462A	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
S42.463A	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
S42.464A	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
S42.465A	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
S42.466A	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

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Code	Description	Code Category	Code Type
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
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	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
S42.474A	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
S42.475A	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
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
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	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
S42.492A	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
S42.493A	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
S42.494A	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
S42.495A	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
S42.496A	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
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
S42.91XA	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
S42.92XA	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
S49.001A	Unspecified physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002A	Unspecified physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009A	Unspecified physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S49.022A	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	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
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	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
S49.101A	Unspecified physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.109A	Unspecified physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.112A	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
S49.121A	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.129A	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S49.132A	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
S49.141A	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	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
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	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
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	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
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
S52.002A	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
S52.009A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.022A	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
S52.023A	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
S52.024A	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
S52.025A	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
S52.026A	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
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
S52.031A	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

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Code	Description	Code Category	Code Type
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
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
S52.033A	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, IIIB, or IIIC	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
S52.035A	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
S52.036A	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
S52.041A	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
S52.042A	Displaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.043A	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
S52.044A	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
S52.045A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.092A	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
S52.099A	Other fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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, IIIB, or IIIC	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
S52.109A	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
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	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
S52.122A	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

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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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.131A	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
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, IIIB, or IIIC	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

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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
S52.135A	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
S52.136A	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
S52.181A	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
S52.182A	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
S52.189A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S52.201C	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
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
S52.209A	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
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	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, IIIB, or IIIC	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
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223A	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
S52.224A	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

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Code	Description	Code Category	Code Type
S52.224C	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.225A	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
S52.226A	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
S52.231A	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, IIIB, or IIIC	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
S52.233A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.235A	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S52.241A	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
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
S52.242A	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
S52.243A	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
S52.244A	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
S52.245A	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

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Code	Description	Code Category	Code Type
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
S52.251A	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
S52.252A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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

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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
S52.261A	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
S52.262A	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
S52.263A	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
S52.264A	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
S52.265A	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
S52.266A	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
S52.271A	Monteggia's fracture of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.272A	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
S52.279A	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
S52.281A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.292A	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
S52.299A	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

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Code	Description	Code Category	Code Type
S52.299C	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.302A	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
S52.309A	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
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	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
S52.322A	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
S52.323A	Displaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.324A	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
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.326A	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
S52.331A	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, IIIB, or IIIC	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
S52.333A	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

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Code	Description	Code Category	Code Type
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
S52.335A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.343A	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
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.344B	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.345A	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
S52.346A	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
S52.351A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.355A	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S52.364A	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
S52.365A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.379A	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
S52.381A	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
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
S52.389A	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
S52.391A	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

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S52.501A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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

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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
S52.513A	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
S52.514A	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
S52.515A	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
S52.516A	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
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	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
S52.532A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.539A	Colles' fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S52.542A	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
S52.549A	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
S52.551A	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
S52.552A	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
S52.559A	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
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

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Code	Description	Code Category	Code Type
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
S52.569A	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
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.572A	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
S52.579A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S52.601A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S52.613C	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S52.615A	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
S52.616A	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
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	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
S52.692A	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
S52.699A	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

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.031A	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.039A	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S59.041A	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.042A	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	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
S59.091A	Other physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	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
S59.099A	Other physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	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
S59.102A	Unspecified physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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
S59.111A	Salter-Harris Type I physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	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
S59.119A	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	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
S59.131A	Salter-Harris Type III physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	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
S59.139A	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.142A	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S59.191A	Other physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	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
S59.199A	Other physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	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
S59.202A	Unspecified physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	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
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	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
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S59.222A	Salter-Harris Type II physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	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
S59.231A	Salter-Harris Type III physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	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
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	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
S62.002A	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
S62.009A	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
S62.011A	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
S62.012A	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
S62.013A	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
S62.014A	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
S62.015A	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
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

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Code	Description	Code Category	Code Type
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
S62.022A	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.022B	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	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
S62.024A	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
S62.025A	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
S62.026A	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
S62.031A	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
S62.032A	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
S62.033A	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
S62.034A	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

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Code	Description	Code Category	Code Type
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
S62.036A	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
S62.101A	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
S62.102A	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
S62.109A	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
S62.111A	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
S62.112A	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
S62.113A	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
S62.114A	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
S62.115A	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

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Code	Description	Code Category	Code Type
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
S62.121A	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
S62.122A	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
S62.123A	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
S62.124A	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
S62.125A	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
S62.126A	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
S62.131A	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
S62.132A	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.132B	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S62.135A	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
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
S62.141A	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
S62.142A	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
S62.143A	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
S62.144A	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
S62.145A	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
S62.146A	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
S62.151A	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

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Code	Description	Code Category	Code Type
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
S62.153A	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
S62.154A	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
S62.155A	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
S62.156A	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
S62.161A	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
S62.162A	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
S62.163A	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
S62.164A	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
S62.165A	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
S62.166A	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.166B	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	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
S62.172A	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
S62.173A	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
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
S62.175A	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
S62.176A	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
S62.181A	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
S62.182A	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
S62.183A	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
S62.184A	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.184B	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	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
S62.186A	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
S62.201A	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
S62.202A	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
S62.209A	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
S62.211A	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
S62.212A	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
S62.213A	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
S62.221A	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
S62.222A	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
S62.223A	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
S62.224A	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

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Code	Description	Code Category	Code Type
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
S62.226A	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
S62.231A	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
S62.232A	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.232B	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	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
S62.234A	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
S62.235A	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.235B	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	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
S62.241A	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
S62.242A	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.242B	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S62.244A	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
S62.245A	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
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
S62.251A	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
S62.252A	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
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
S62.254A	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
S62.255A	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
S62.256A	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

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Code	Description	Code Category	Code Type
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
S62.292A	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
S62.299A	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
S62.300A	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
S62.301A	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
S62.302A	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
S62.303A	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
S62.304A	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
S62.305A	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
S62.306A	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

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Code	Description	Code Category	Code Type
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
S62.308A	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
S62.309A	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
S62.310A	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
S62.311A	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
S62.312A	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
S62.313A	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
S62.314A	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
S62.315A	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
S62.316A	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

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Code	Description	Code Category	Code Type
S62.317A	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.317B	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	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
S62.319A	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
S62.320A	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
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
S62.322A	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
S62.323A	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
S62.324A	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
S62.325A	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
S62.326A	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

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Code	Description	Code Category	Code Type
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
S62.328A	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
S62.329A	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
S62.330A	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
S62.331A	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
S62.332A	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
S62.333A	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
S62.334A	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
S62.335A	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
S62.336A	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

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Code	Description	Code Category	Code Type
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
S62.338A	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
S62.339A	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.339B	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	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
S62.341A	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
S62.342A	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
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
S62.344A	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
S62.345A	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
S62.346A	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

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Code	Description	Code Category	Code Type
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
S62.348A	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
S62.349A	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
S62.350A	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
S62.351A	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
S62.352A	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
S62.353A	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
S62.354A	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
S62.355A	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
S62.356A	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

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Code	Description	Code Category	Code Type
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
S62.358A	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.358B	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	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
S62.360A	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
S62.361A	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
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
S62.363A	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
S62.364A	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
S62.365A	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
S62.366A	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

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Code	Description	Code Category	Code Type
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
S62.368A	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
S62.369A	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
S62.390A	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
S62.391A	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
S62.392A	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
S62.393A	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
S62.394A	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
S62.395A	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
S62.396A	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

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Code	Description	Code Category	Code Type
S62.397A	Other fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.397B	Other fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	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
S62.399A	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
S62.501A	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
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
S62.509A	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
S62.511A	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
S62.512A	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
S62.513A	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
S62.514A	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
S62.515A	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.515B	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	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
S62.521A	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
S62.522A	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
S62.523A	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
S62.524A	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
S62.525A	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
S62.526A	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
S62.600A	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
S62.601A	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
S62.602A	Fracture of unspecified phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.602B	Fracture of unspecified phalanx of right middle finger, initial encounter for open fracture	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
S62.604A	Fracture of unspecified phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.604B	Fracture of unspecified phalanx of right ring finger, initial encounter for open fracture	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
S62.606A	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
S62.607A	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
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
S62.609A	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
S62.610A	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
S62.611A	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
S62.612A	Displaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.612B	Displaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	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
S62.614A	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
S62.615A	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
S62.616A	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
S62.617A	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
S62.618A	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
S62.619A	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
S62.620A	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
S62.621A	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
S62.622A	Displaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.622B	Displaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
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
S62.624A	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
S62.625A	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
S62.626A	Displaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.626B	Displaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.627A	Displaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.627B	Displaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.628A	Displaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.628B	Displaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.629A	Displaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.629B	Displaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	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
S62.631A	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
S62.632A	Displaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.632B	Displaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	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
S62.634A	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
S62.635A	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
S62.636A	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
S62.637A	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
S62.638A	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
S62.639A	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
S62.640A	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
S62.641A	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
S62.642A	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.642B	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	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
S62.644A	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
S62.645A	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
S62.646A	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
S62.647A	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
S62.648A	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.648B	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for open fracture	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
S62.650A	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
S62.651A	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
S62.652A	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.652B	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	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
S62.654A	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.654B	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.655A	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.655B	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.656A	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.656B	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.657A	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.657B	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.658A	Nondisplaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.658B	Nondisplaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.659A	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.659B	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	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
S62.661A	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
S62.662A	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.662B	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	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
S62.664A	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
S62.665A	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
S62.666A	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
S62.667A	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.667B	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for open fracture	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
S62.669A	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
S62.90XA	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
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
S62.92XA	Unspecified fracture of left wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S62.92XB	Unspecified fracture of left wrist and hand, initial encounter for open fracture	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.011A	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
S72.012A	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
S72.019A	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
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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
S72.023A	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, IIIB, or IIIC	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
S72.025A	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
S72.026A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.033A	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
S72.034A	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, IIIB, or IIIC	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
S72.036A	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
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.042A	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

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Code	Description	Code Category	Code Type
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
S72.043A	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
S72.044A	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
S72.045A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059A	Unspecified fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.061A	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
S72.062A	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
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.066A	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

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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
S72.099A	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
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
S72.101A	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
S72.102A	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
S72.109A	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
S72.111A	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

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Code	Description	Code Category	Code Type
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123A	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
S72.124A	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
S72.125A	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
S72.126A	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
S72.131A	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
S72.132A	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

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Code	Description	Code Category	Code Type
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.134A	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
S72.135A	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
S72.136A	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
S72.141A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.145A	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
S72.146A	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, IIIB, or IIIC	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
S72.22XA	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
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.25XA	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
S72.26XA	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
S72.301A	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, IIIB, or IIIC	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
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.332A	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

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Code	Description	Code Category	Code Type
S72.332C	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.333A	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
S72.334A	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
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.336A	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
S72.341A	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, IIIB, or IIIC	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
S72.343A	Displaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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, IIIB, or IIIC	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
S72.346A	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
S72.351A	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
S72.352A	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
S72.353A	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

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Code	Description	Code Category	Code Type
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.355A	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
S72.356A	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, IIIB, or IIIC	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
S72.362A	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
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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.365A	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
S72.366A	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
S72.391A	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
S72.392A	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
S72.399A	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
S72.401A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S72.402C	Unspecified fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S72.411A	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
S72.412A	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
S72.413A	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
S72.414A	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
S72.415A	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
S72.416A	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.423A	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
S72.424A	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
S72.425A	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
S72.426A	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

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Code	Description	Code Category	Code Type
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
S72.432A	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, IIIB, or IIIC	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
S72.434A	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
S72.435A	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, IIIB, or IIIC	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, IIIB, or IIIC	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

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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
S72.442A	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
S72.443A	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
S72.444A	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
S72.445A	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
S72.446A	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, IIIB, or IIIC	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
S72.452A	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.453A	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
S72.454A	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
S72.455A	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
S72.456A	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
S72.461A	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
S72.462A	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.463A	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
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S72.465A	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
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
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S72.90XA	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
S72.90XE	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	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
S72.91XE	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.92XA	Unspecified fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S72.92XE	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	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
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	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
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	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
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	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
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	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
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	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
S82.001C	Unspecified fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.009A	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
S82.011A	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

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Code	Description	Code Category	Code Type
S82.011C	Displaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.013A	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
S82.014A	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
S82.015A	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
S82.015C	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.021A	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
S82.022A	Displaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.023A	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
S82.024A	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
S82.025A	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
S82.026A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.042A	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
S82.043A	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

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Code	Description	Code Category	Code Type
S82.043C	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.045A	Nondisplaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.092A	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, IIIB, or IIIC	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
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
S82.109A	Unspecified fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.111A	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
S82.112A	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
S82.113A	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
S82.114A	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
S82.115A	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

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Code	Description	Code Category	Code Type
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
S82.121A	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
S82.121C	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.122A	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
S82.123A	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
S82.124A	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
S82.125A	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
S82.126A	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

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Code	Description	Code Category	Code Type
S82.126C	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.131A	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.135A	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, IIIB, or IIIC	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
S82.136C	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.141A	Displaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.142A	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
S82.143A	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
S82.144A	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
S82.145A	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
S82.146A	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
S82.151A	Displaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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

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Code	Description	Code Category	Code Type
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
S82.153A	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
S82.154A	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
S82.155A	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
S82.156A	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
S82.161A	Torus fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.162A	Torus fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.169A	Torus fracture of upper end of unspecified tibia, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
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
S82.199A	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
S82.201A	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, IIIB, or IIIC	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
S82.202C	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.221A	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
S82.222A	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

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Code	Description	Code Category	Code Type
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
S82.224A	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
S82.225A	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
S82.226A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.233A	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

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Code	Description	Code Category	Code Type
S82.233C	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.234C	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.235A	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
S82.236A	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
S82.241A	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
S82.242A	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
S82.243A	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
S82.244A	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.245A	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.253C	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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 IIIC	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
S82.261A	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
S82.262A	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, IIIB, or IIIC	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
S82.264A	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.265C	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.292A	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
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
S82.301A	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
S82.302A	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
S82.309A	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

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Code	Description	Code Category	Code Type
S82.309C	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.311A	Torus fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.312A	Torus fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.319A	Torus fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S82.392A	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
S82.392C	Other fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.399A	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
S82.401A	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
S82.402A	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
S82.409A	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

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Code	Description	Code Category	Code Type
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
S82.422A	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
S82.423A	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.426A	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
S82.431A	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

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Code	Description	Code Category	Code Type
S82.431C	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.442A	Displaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S82.442B	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.442C	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.443A	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
S82.444A	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
S82.445A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.452A	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

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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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.456A	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, IIIB, or IIIC	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
S82.461C	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	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, IIIB, or IIIC	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

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Code	Description	Code Category	Code Type
S82.463C	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.464A	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
S82.465A	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
S82.466A	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
S82.491A	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
S82.492A	Other fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.499A	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
S82.51XA	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

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Code	Description	Code Category	Code Type
S82.51XC	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.52XA	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.55XA	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.62XA	Displaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.64XC	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.65XA	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
S82.66XA	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
S82.811A	Torus fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.812A	Torus fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.819A	Torus fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.821A	Torus fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.822A	Torus fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.829A	Torus fracture of lower end of unspecified fibula, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
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
S82.832A	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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.841C	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.843A	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
S82.844A	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

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Code	Description	Code Category	Code Type
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
S82.846A	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, IIIB, or IIIC	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, IIIB, or IIIC	Diagnosis	ICD-10-CM
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, IIIB, or IIIC	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, IIIB, or IIIC	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
S82.855A	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

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Code	Description	Code Category	Code Type
S82.855C	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.856C	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.861A	Displaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.861B	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.861C	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
S82.863A	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
S82.864A	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
S82.865A	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
S82.866A	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
S82.871A	Displaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
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
S82.872A	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
S82.873A	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
S82.874A	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
S82.875A	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
S82.876A	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
S82.891A	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

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Code	Description	Code Category	Code Type
S82.891C	Other fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	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
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, IIIB, or IIIC	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
S82.91XA	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
S82.92XA	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
S89.001A	Unspecified physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.002A	Unspecified physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.009A	Unspecified physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	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
S89.012A	Salter-Harris Type I physeal fracture of upper end of left tibia, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
S89.021A	Salter-Harris Type II physeal fracture of upper end of right tibia, initial encounter for closed fracture	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
S89.029A	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	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
S89.032A	Salter-Harris Type III physeal fracture of upper end of left tibia, initial encounter for closed fracture	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
S89.041A	Salter-Harris Type IV physeal fracture of upper end of right tibia, initial encounter for closed fracture	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
S89.049A	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.091A	Other physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.092A	Other physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.099A	Other physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.101A	Unspecified physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.102A	Unspecified physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.109A	Unspecified physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S89.112A	Salter-Harris Type I physeal fracture of lower end of left tibia, initial encounter for closed fracture	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
S89.121A	Salter-Harris Type II physeal fracture of lower end of right tibia, initial encounter for closed fracture	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

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Code	Description	Code Category	Code Type
S89.129A	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S89.132A	Salter-Harris Type III physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.139A	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	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
S89.142A	Salter-Harris Type IV physeal fracture of lower end of left tibia, initial encounter for closed fracture	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
S89.191A	Other physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.192A	Other physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.199A	Other physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.201A	Unspecified physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.202A	Unspecified physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.209A	Unspecified physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	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
S89.212A	Salter-Harris Type I physeal fracture of upper end of left fibula, initial encounter for closed fracture	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
S89.221A	Salter-Harris Type II physeal fracture of upper end of right fibula, initial encounter for closed fracture	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
S89.229A	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.291A	Other physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S89.292A	Other physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.299A	Other physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.301A	Unspecified physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.302A	Unspecified physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.309A	Unspecified physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.311A	Salter-Harris Type I physeal fracture of lower end of right fibula, initial encounter for closed fracture	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
S89.319A	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	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
S89.322A	Salter-Harris Type II physeal fracture of lower end of left fibula, initial encounter for closed fracture	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
S89.391A	Other physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.392A	Other physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.399A	Other physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	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
S92.002A	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
S92.009A	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
S92.011A	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

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Code	Description	Code Category	Code Type
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
S92.013A	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
S92.014A	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
S92.015A	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
S92.016A	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
S92.021A	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
S92.022A	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
S92.023A	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
S92.024A	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
S92.025A	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

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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
S92.031A	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
S92.032A	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
S92.033A	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.033B	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	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
S92.035A	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
S92.036A	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
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
S92.042A	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
S92.043A	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

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Code	Description	Code Category	Code Type
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
S92.045A	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
S92.046A	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
S92.051A	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
S92.052A	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
S92.053A	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
S92.054A	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
S92.055A	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
S92.056A	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
S92.061A	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

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Code	Description	Code Category	Code Type
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
S92.063A	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
S92.064A	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
S92.065A	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
S92.066A	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
S92.101A	Unspecified fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.101B	Unspecified fracture of right talus, initial encounter for open fracture	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
S92.109A	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
S92.111A	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
S92.112A	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
S92.113A	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
S92.114A	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
S92.115A	Nondisplaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.115B	Nondisplaced fracture of neck of left talus, initial encounter for open fracture	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
S92.121A	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
S92.122A	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
S92.123A	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
S92.124A	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
S92.125A	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
S92.126A	Nondisplaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.126B	Nondisplaced fracture of body of unspecified talus, initial encounter for open fracture	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
S92.132A	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
S92.133A	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
S92.134A	Nondisplaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
S92.134B	Nondisplaced fracture of posterior process of right talus, initial encounter for open fracture	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
S92.136A	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
S92.141A	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
S92.142A	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
S92.143A	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
S92.144A	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
S92.145A	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
S92.146A	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
S92.151A	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
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
S92.153A	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

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Code	Description	Code Category	Code Type
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
S92.155A	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
S92.156A	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
S92.191A	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
S92.192A	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
S92.199A	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
S92.201A	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
S92.202A	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
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
S92.211A	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
S92.212A	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
S92.213A	Displaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.213B	Displaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	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
S92.215A	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
S92.216A	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
S92.221A	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
S92.222A	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
S92.223A	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
S92.224A	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
S92.225A	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
S92.226A	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
S92.231A	Displaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.231B	Displaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	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
S92.233A	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
S92.234A	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
S92.235A	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
S92.236A	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.236B	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	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
S92.242A	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
S92.243A	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
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
S92.245A	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.245B	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for open fracture	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
S92.251A	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
S92.252A	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
S92.253A	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
S92.254A	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
S92.255A	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
S92.256A	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
S92.301A	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
S92.302A	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
S92.309A	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.309B	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for open fracture	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
S92.312A	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
S92.313A	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
S92.314A	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
S92.315A	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
S92.316A	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
S92.321A	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
S92.322A	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
S92.323A	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
S92.324A	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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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
S92.325A	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
S92.326A	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
S92.331A	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
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
S92.333A	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
S92.334A	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
S92.335A	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
S92.336A	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
S92.341A	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
S92.342A	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.342B	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	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
S92.344A	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
S92.345A	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
S92.346A	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
S92.351A	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
S92.352A	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
S92.353A	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
S92.354A	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
S92.355A	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
S92.356A	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.356B	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	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
S92.402A	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
S92.403A	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
S92.404A	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
S92.405A	Nondisplaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.405B	Nondisplaced unspecified fracture of left great toe, initial encounter for open fracture	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
S92.411A	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
S92.412A	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
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
S92.414A	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S92.414B	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	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
S92.416A	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
S92.421A	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
S92.422A	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
S92.423A	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
S92.424A	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
S92.425A	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
S92.426A	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
S92.491A	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
S92.492A	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
S92.499A	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

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Code	Description	Code Category	Code Type
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
S92.502A	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
S92.503A	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
S92.504A	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
S92.505A	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
S92.506A	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
S92.511A	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
S92.512A	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
S92.513A	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
S92.514A	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

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Code	Description	Code Category	Code Type
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
S92.516A	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
S92.521A	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
S92.522A	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
S92.523A	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
S92.524A	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
S92.525A	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
S92.526A	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
S92.531A	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.531B	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	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

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Code	Description	Code Category	Code Type
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
S92.534A	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
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
S92.536A	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
S92.591A	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
S92.592A	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
S92.599A	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
S92.811A	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
S92.812A	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
S92.819A	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
S92.901A	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
S92.902A	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
S92.909A	Unspecified fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.909B	Unspecified fracture of unspecified foot, initial encounter for open fracture	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
S92.912A	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

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Code	Description	Code Category	Code Type
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
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
S99.002A	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
S99.009A	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
S99.011A	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
S99.012A	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
S99.019A	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
S99.021A	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
S99.022A	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
S99.029A	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

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Code	Description	Code Category	Code Type
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
S99.032A	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
S99.039A	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
S99.041A	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
S99.042A	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
S99.049A	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
S99.091A	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
S99.092A	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
S99.099A	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
S99.101A	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
S99.102A	Unspecified physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S99.102B	Unspecified physeal fracture of left metatarsal, initial encounter for open fracture	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
S99.111A	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
S99.112A	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
S99.119A	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
S99.121A	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
S99.122A	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
S99.129A	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
S99.131A	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
S99.132A	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
S99.139A	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S99.139B	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for open fracture	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
S99.142A	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
S99.149A	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
S99.191A	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
S99.192A	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
S99.199A	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
S99.201A	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
S99.202A	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
S99.209A	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
S99.211A	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

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Code	Description	Code Category	Code Type
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
S99.219A	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
S99.221A	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
S99.222A	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
S99.229A	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
S99.231A	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
S99.232A	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
S99.239A	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
S99.241A	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
S99.242A	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

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Code	Description	Code Category	Code Type
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
S99.291A	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
S99.292A	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
S99.299A	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
T14.8XXA	Other injury of unspecified body region, initial encounter	Diagnosis	ICD-10-CM
Secondary: Hip Replacement			
81.51	Total hip replacement	Procedure	ICD-9-CM
81.52	Partial hip replacement	Procedure	ICD-9-CM
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	Procedure	CPT-4
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	Procedure	CPT-4
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	Procedure	CPT-4
0SR9019	Replacement of Right Hip Joint with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
0SR901A	Replacement of Right Hip Joint with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SR901Z	Replacement of Right Hip Joint with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SR9029	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
0SR902A	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SR902Z	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SR9039	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
OSR903A	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSR903Z	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSR9049	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSR904A	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSR904Z	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSR9069	Replacement of Right Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSR906A	Replacement of Right Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSR906Z	Replacement of Right Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSR907Z	Replacement of Right Hip Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSR90J9	Replacement of Right Hip Joint with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSR90JA	Replacement of Right Hip Joint with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSR90JZ	Replacement of Right Hip Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSR90KZ	Replacement of Right Hip Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA009	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA00A	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA00Z	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA019	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA01A	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA01Z	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA039	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
OSRA03A	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA03Z	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA07Z	Replacement of Right Hip Joint, Acetabular Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA0J9	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA0JA	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA0JZ	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA0KZ	Replacement of Right Hip Joint, Acetabular Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB019	Replacement of Left Hip Joint with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB01A	Replacement of Left Hip Joint with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB01Z	Replacement of Left Hip Joint with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB029	Replacement of Left Hip Joint with Metal on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB02A	Replacement of Left Hip Joint with Metal on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB02Z	Replacement of Left Hip Joint with Metal on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB039	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB03A	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB03Z	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB049	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB04A	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB04Z	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB069	Replacement of Left Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
OSRB06A	Replacement of Left Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB06Z	Replacement of Left Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB07Z	Replacement of Left Hip Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB0J9	Replacement of Left Hip Joint with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB0JA	Replacement of Left Hip Joint with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB0JZ	Replacement of Left Hip Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB0KZ	Replacement of Left Hip Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE009	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE00A	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE00Z	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE019	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE01A	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE01Z	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE039	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE03A	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE03Z	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE07Z	Replacement of Left Hip Joint, Acetabular Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE0J9	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE0JA	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE0JZ	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
OSREOKZ	Replacement of Left Hip Joint, Acetabular Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR019	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRR01A	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRR01Z	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR039	Replacement of Right Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRR03A	Replacement of Right Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRR03Z	Replacement of Right Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR07Z	Replacement of Right Hip Joint, Femoral Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR0J9	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRR0JA	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRR0JZ	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR0KZ	Replacement of Right Hip Joint, Femoral Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS019	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRS01A	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRS01Z	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS039	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRS03A	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRS03Z	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS07Z	Replacement of Left Hip Joint, Femoral Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS0J9	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
0SRS0JA	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SRS0JZ	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SRS0KZ	Replacement of Left Hip Joint, Femoral Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	Procedure	CPT-4
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	Procedure	CPT-4
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	Procedure	CPT-4
Secondary: TMJ Replacement			
76.5	Temporomandibular arthroplasty	Procedure	ICD-9-CM
21240	Arthroplasty, temporomandibular joint, with or without autograft (includes obtaining graft)	Procedure	CPT-4
21242	Arthroplasty, temporomandibular joint, with allograft	Procedure	CPT-4
21243	Arthroplasty, temporomandibular joint, with prosthetic joint replacement	Procedure	CPT-4
0RQC0ZZ	Repair Right Temporomandibular Joint, Open Approach	Procedure	ICD-10-PCS
0RQC3ZZ	Repair Right Temporomandibular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0RQC4ZZ	Repair Right Temporomandibular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0RQD0ZZ	Repair Left Temporomandibular Joint, Open Approach	Procedure	ICD-10-PCS
0RQD3ZZ	Repair Left Temporomandibular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0RQD4ZZ	Repair Left Temporomandibular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0RRC07Z	Replacement of Right Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0RRC0JZ	Replacement of Right Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0RRC0KZ	Replacement of Right Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0RRD07Z	Replacement of Left Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0RRD0JZ	Replacement of Left Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0RRD0KZ	Replacement of Left Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0RUC07Z	Supplement Right Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0RUC0JZ	Supplement Right Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code Category	Code Type
ORUC0KZ	Supplement Right Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUC37Z	Supplement Right Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUC3JZ	Supplement Right Temporomandibular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUC3KZ	Supplement Right Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUC47Z	Supplement Right Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUC4JZ	Supplement Right Temporomandibular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUC4KZ	Supplement Right Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUD07Z	Supplement Left Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUD0JZ	Supplement Left Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUD0KZ	Supplement Left Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUD37Z	Supplement Left Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUD3JZ	Supplement Left Temporomandibular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUD3KZ	Supplement Left Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUD47Z	Supplement Left Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUD4JZ	Supplement Left Temporomandibular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUD4KZ	Supplement Left Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
21240	Arthroplasty, temporomandibular joint, with or without autograft (includes obtaining graft)	Procedure	CPT-4
21242	Arthroplasty, temporomandibular joint, with allograft	Procedure	CPT-4
21243	Arthroplasty, temporomandibular joint, with prosthetic joint replacement	Procedure	CPT-4

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
Drugs that Affect Bone Density			
Anticoagulants			
C9107	INJ TINZAPARIN NAIUM PER 2ML VIAL	Procedure	HCPCS
J0884	INJ ARGATROBN 1 MG ESRD ON DIALYSIS	Procedure	HCPCS
J0883	INJ ARGATROBAN 1 MG NON-ESRD USE	Procedure	HCPCS
C9121	INJECTION ARGATROBAN PER 5 MG	Procedure	HCPCS
J0583	INJECTION BIVALIRUDIN 1 MG	Procedure	HCPCS
C9111	INJECTION BIVALIRUDIN 250 MG-VIAL	Procedure	HCPCS
J1645	INJ DALTEPARIN SODIUM PER 2500 IU	Procedure	HCPCS
J1650	INJECTION ENOXAPARIN SODIUM 10 MG	Procedure	HCPCS
J1652	INJ FONDAPARINUX SODIUM 0.5 MG	Procedure	HCPCS
J1642	INJECTION HEPARIN SODIUM 10 UNITS	Procedure	HCPCS
J1644	INJ HEPARIN SODIUM PER 1000 UNITS	Procedure	HCPCS
J1945	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
Q2021	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
J1655	INJECTION TINZAPARIN SODIUM 1000 IU	Procedure	HCPCS
G8967	WARFARIN/ANR FDA APRV ORAL AC PRESC	Procedure	HCPCS
Bisphosphonates			
J1436	INJ ETIDRONATE DISODIUM PER 300 MG	Procedure	HCPCS
J1740	INJECTION IBANDRONATE SODIUM 1 MG	Procedure	HCPCS
C9229	INJ BANDRONATE SODIUM PER 1 MG	Procedure	HCPCS
J2430	INJ PAMIDRONATE DISODIUM PER 30 MG	Procedure	HCPCS
C9411	INJ PAMIDRONATE DISODUM 30 MG BRAND	Procedure	HCPCS
J3489	INJECTION ZOLEDRONIC ACID 1 MG	Procedure	HCPCS
Q2051	INJECTION ZOLEDRONIC ACID NOS 1 MG	Procedure	HCPCS
C9115	INJECTION ZOLEDRONIC ACID PER 2 MG	Procedure	HCPCS
Q4095	INJ ZOLEDRONIC ACID RECLAST 1 MG	Procedure	HCPCS
J3488	INJ ZOLEDRONICCID RECLAST 1 MG	Procedure	HCPCS
J3487	INJECTION ZOLEDRONICCID ZOMETETA 1 MG	Procedure	HCPCS
Anti-Epileptic Drugs			
Q2009	INJ FOSPHENYTOIN 50 MG PHENYTOIN EQ	Procedure	HCPCS
J3360	INJECTION DIAZEPAM UP TO 5 MG	Procedure	HCPCS
S0078	INJ FOSPHENYTOIN SODIUM 750 MG	Procedure	HCPCS
C9254	INJECTION LACOSAMIDE 1 MG	Procedure	HCPCS
C9238	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J1953	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J2560	INJ PHENOBARBITAL SODIUM TO 120 MG	Procedure	HCPCS
J1165	INJ PHENYTOIN SODIUM PER 50 MG	Procedure	HCPCS
Corticosteroids			
J7624	BETAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J7634	BUDESONIDE INHAL CP DME 0.25 MG	Procedure	HCPCS
J7627	BUDESONIDE INHAL CP UNIT TO 0.5 MG	Procedure	HCPCS
J7633	BUDESONIDE INHAL NON-CP CNC 0.25 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J7626	BUDESONIDE INHAL NON-CP U TO 0.5 MG	Procedure	HCPCS
K0512	DEX INHAL SOL ADMIN THRU DME CONCEN	Procedure	HCPCS
K0513	DEX INHAL SOL ADMIN THRU DME U DOSE	Procedure	HCPCS
J7637	DEXAMETHASONE INHAL CP CONC PER MG	Procedure	HCPCS
J7638	DEXAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J8540	DEXAMETHASONE ORAL 0.25 MG	Procedure	HCPCS
S0173	DEXAMETHASONE ORAL 4 MG	Procedure	HCPCS
J7641	FLUNISOLIDE INHAL COMP UNIT PER MG	Procedure	HCPCS
J0702	INJ BETAMETHASONE AC & PHOS 3 MG	Procedure	HCPCS
C9256	INJ DEXAMETH INTRAVITRL IMPL 0.1 MG	Procedure	HCPCS
J1710	INJ HYDROCORTISON SOD PHOS TO 50 MG	Procedure	HCPCS
J1720	INJ HYDROCORTSON SOD SUCC TO 100 MG	Procedure	HCPCS
J2930	INJ METHYLPRDNISLN SODIM TO 125 MG	Procedure	HCPCS
J2920	INJ METHYLPRDNISOLON SODIM TO 40 MG	Procedure	HCPCS
J2640	INJ PREDNISOLONE SODIUM PHOSPHATE T	Procedure	HCPCS
C9469	INJ TAA PF EXT-REL MS F 1 MG	Procedure	HCPCS
J3300	INJ TRIAMCINOLONE ACETONIDE PF 1 MG	Procedure	HCPCS
J0704	INJ BETAMETHSONE SODIM PHOSHAT-4 MG	Procedure	HCPCS
J1094	INJECTION DEXAMETHASONE ACTAT 1 MG	Procedure	HCPCS
J7312	INJ DEXAMETH INTRAVIT IMPL 0.1 MG	Procedure	HCPCS
J1100	INJ DEXMETHOSON SODIM PHOSHATE 1 MG	Procedure	HCPCS
J1700	INJ HYDROCORTISONE ACTAT TO 25 MG	Procedure	HCPCS
J1020	INJ METHYLPRDNISOLONE ACTAT 20 MG	Procedure	HCPCS
J1030	INJ METHYLPRDNISOLONE ACTAT 40 MG	Procedure	HCPCS
J1040	INJ METHYLPRDNISOLONE ACTAT 80 MG	Procedure	HCPCS
J2650	INJ PREDNISOLONE ACETATE TO 1 ML	Procedure	HCPCS
J3301	INJ TRIAMCINOLON ACETONID NOS 10 MG	Procedure	HCPCS
J3302	INJ TRIAMCINOLONE DIACTAT 5 MG	Procedure	HCPCS
J3303	INJ TRIAMCINOLONE HEXACETONIDE 5 MG	Procedure	HCPCS
J1095	INJECTION, DEXAMETHASONE ACETATE, P	Procedure	HCPCS
J1690	INJ PREDNISOLONE TEBUTATE TO 20 MG	Procedure	HCPCS
J7509	METHYLPREDNISOLONE ORAL PER 4 MG	Procedure	HCPCS
S1090	MOMETASONE FUROATE SS IMPL 370 MCG	Procedure	HCPCS
4193F	PT RCV <10MG DAILY PREDNISO	Procedure	CPT-2
4194F	PT RCV =>10MG DAILY PREDNISO	Procedure	CPT-2
J7510	PREDNISOLONE ORAL PER 5 MG	Procedure	HCPCS
J7512	PDN IMMED RLSE/DELAY RLSE ORAL 1 MG	Procedure	HCPCS
J7506	PREDNISONE ORAL PER 5 MG	Procedure	HCPCS
J7683	TRIAMCINOLONE INHAL CP CONC PER MG	Procedure	HCPCS
J7684	TRIAMCINOLONE INHAL CP UNIT PER MG	Procedure	HCPCS
K0527	TRIAMCINOLONE INHAL SOL ADMIN THRU	Procedure	HCPCS
K0528	TRIAMCINOLONE INHAL SOL VIA DME U D	Procedure	HCPCS
Chemotherapy			

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
S0170	ANASTROZOLE ORAL 1 MG	Procedure	HCPCS
S0116	BEVACIZUMAB 100 MG	Procedure	HCPCS
C9417	BLEOMYCIN SULFATE 15 UNITS BRAND	Procedure	HCPCS
S0115	BORTEZOMIB 3.5 MG	Procedure	HCPCS
J8510	BUSULFAN ORAL 2 MG	Procedure	HCPCS
J8520	CAPECITABINE ORAL 150 MG	Procedure	HCPCS
J8521	CAPECITABINE ORAL 500 MG	Procedure	HCPCS
C9437	CARMUSTINE BRAND NAME 100 MG	Procedure	HCPCS
S0172	CHLORAMBUCIL ORAL 2 MG	Procedure	HCPCS
J9062	CISPLATIN 50 MG	Procedure	HCPCS
C9418	CISPLATIN POWDR/SOL PER 10 MG BRAND	Procedure	HCPCS
J7632	CROMOLYN NA I SOL CP PROD UD 10 MG	Procedure	HCPCS
K0511	CROMOLYN SODIUM INHAL SOL VIA DME U	Procedure	HCPCS
J7631	CROMOLYN NA I SOL NONCP UD P 10 MG	Procedure	HCPCS
J7630	CROMOLYN SODIUM PER 20MG	Procedure	HCPCS
J9091	CYCLOPHOSPHAMIDE 1 G	Procedure	HCPCS
J9070	CYCLOPHOSPHAMIDE 100 MG	Procedure	HCPCS
C9420	CYCLOPHOSPHAMIDE 100 MG BRAND NAME	Procedure	HCPCS
J9092	CYCLOPHOSPHAMIDE 2 G	Procedure	HCPCS
J9080	CYCLOPHOSPHAMIDE 200 MG	Procedure	HCPCS
J9090	CYCLOPHOSPHAMIDE 500 MG	Procedure	HCPCS
J9096	CYCLOPHOSPHAMIDE LYOPHILIZED 1 G	Procedure	HCPCS
J9093	CYCLOPHOSPHAMIDE LYOPHILIZED 100 MG	Procedure	HCPCS
C9421	CYCLOPHOSPHAMIDE LYO 100 MG BRAND	Procedure	HCPCS
J9097	CYCLOPHOSPHAMIDE LYOPHILIZED 2 G	Procedure	HCPCS
J9094	CYCLOPHOSPHAMIDE LYOPHILIZED 200 MG	Procedure	HCPCS
J9095	CYCLOPHOSPHAMIDE LYOPHILIZED 500 MG	Procedure	HCPCS
J8530	CYCLOPHOSHAMIDE ORAL 25 MG	Procedure	HCPCS
C9422	CYTARABINE 100 MG BRAND NAME	Procedure	HCPCS
J9130	DACARBAZINE 100 MG	Procedure	HCPCS
C9423	DACARBAZINE 100 MG BRAND NAME	Procedure	HCPCS
J9140	DACARBAZINE 200 MG	Procedure	HCPCS
C1084	DENILEUKIN DIFTITOX 300 MCG ONTAK I	Procedure	HCPCS
C9439	DES-DP BRAND NAME 250 MG	Procedure	HCPCS
C9415	DOXORUBICIN HCL 10 MG BRAND NAME	Procedure	HCPCS
J9180	EPIRUBICIN HYDROCHLORIDE 50 MG	Procedure	HCPCS
C9425	ETOPOSIDE 10 MG BRAND NAME	Procedure	HCPCS
J9182	ETOPOSIDE 100 MG	Procedure	HCPCS
J8560	ETOPOSIDE ORAL 50 MG	Procedure	HCPCS
C9414	ETOPOSIDE ORAL 50 MG BRAND NAME	Procedure	HCPCS
J7527	EVEROLIMUS ORAL 0. 25 MG	Procedure	HCPCS
J8561	EVEROLIMUS ORAL 0.25 MG	Procedure	HCPCS
S0156	EXEMESTANE 25 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
C9426	FLOXURIDINE 500 MG BRAND NAME	Procedure	HCPCS
C9262	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
Q2025	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
J8562	FLUDARABINE PHOSPHATE ORAL 10 MG	Procedure	HCPCS
S0175	FLUTAMIDE ORAL 125 MG	Procedure	HCPCS
J8565	GEFITINIB ORAL 250 MG	Procedure	HCPCS
S0176	HYDROXYUREA ORAL 500 MG	Procedure	HCPCS
C9429	IDARUBICIN HCL 5 MG BRAND NAME	Procedure	HCPCS
C9427	IFISFANUDE 1 GM BRAND NAME	Procedure	HCPCS
C9216	INJ ABARELIX INJ SUSP PER 10 MG	Procedure	HCPCS
J9354	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
C9110	INJ ALEMTUZUMAB, PER 10 MG/ ML	Procedure	HCPCS
C9289	INJ ASPARAGINASE ECH 1000 IU	Procedure	HCPCS
J9151	INJ DAUNORUBICIN CITRATE LIP 10 MG	Procedure	HCPCS
J9001	INJ DOXORUBICIN HCL LIPID 10 MG	Procedure	HCPCS
C9004	INJ GEMTUZUMAB OZOGAMICIN PER 5 MG	Procedure	HCPCS
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
C9127	INJ PACLITAXEL PROTEIN BOUND 1 MG	Procedure	HCPCS
C9235	INJ PANITUMUMAB 10 MG	Procedure	HCPCS
J9325	INJ T-VEC PER 1 M PLAQUE FORM UNITS	Procedure	HCPCS
J0128	INJECTION ABARELIX 10 MG	Procedure	HCPCS
S0165	INJECTION ABARELIX 100 MG	Procedure	HCPCS
C9131	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
J9015	INJ ALDESLEUKIN PER SINGLE USE VIAL	Procedure	HCPCS
J0202	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
Q9979	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
J9010	INJECTION ALEMTUZUMAB 10 MG	Procedure	HCPCS
S0087	INJECTION ALEMTUZUMAB 30 MG	Procedure	HCPCS
J9017	INJECTION ARSENIC TRIOXIDE 1 MG	Procedure	HCPCS
C9012	INJECTION ARSENIC TRIOXIDE-1 MG/KG	Procedure	HCPCS
J9020	INJECTION ASPARAGINASE 10000 UNITS	Procedure	HCPCS
J9019	INJ ASPARAGINASE ERWINAZE 1000 IU	Procedure	HCPCS
C9483	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
J9022	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
C9491	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9023	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9025	INJECTION AZACITIDINE 1 MG	Procedure	HCPCS
S0168	INJECTION AZACITIDINE 100 MG	Procedure	HCPCS
C9218	INJECTION AZACITIDINE PER 1 MG	Procedure	HCPCS
C9442	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
J9032	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
C9243	INJECTION BENDAMUSTINE HCL 1 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J9034	INJ BENDAMUSTINE HCL BENDEKA 1 MG	Procedure	HCPCS
J9033	INJ BENDAMUSTINE HCL TREANDA 1 MG	Procedure	HCPCS
C9257	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
Q2024	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
J9035	INJECTION BEVACIZUMAB 10 MG	Procedure	HCPCS
C9214	INJECTION BEVACIZUMAB PER 10 MG	Procedure	HCPCS
J9040	INJECTION BLEOMYCIN SULFATE 15 UNIT	Procedure	HCPCS
C9449	INJECTION BLINATUMOMAB 1 MCG	Procedure	HCPCS
J9039	INJECTION BLINATUMOMAB 1 MICROGRAM	Procedure	HCPCS
J9041	INJECTION BORTEZOMIB 0.1 MG	Procedure	HCPCS
C9207	INJECTION BORTEZOMIB PER 3.5 MG	Procedure	HCPCS
C9287	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J9042	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J0594	INJECTION BUSULFAN 1 MG	Procedure	HCPCS
C1178	INJECTION BUSULFAN PER 6 MG	Procedure	HCPCS
C9276	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9043	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9045	INJECTION CARBOPLATIN 50 MG	Procedure	HCPCS
C9295	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9047	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9050	INJECTION CARMUSTINE 100 MG	Procedure	HCPCS
J9055	INJECTION CETUXIMAB 10 MG	Procedure	HCPCS
C9215	INJECTION CETUXIMAB PER 10 MG	Procedure	HCPCS
J9060	INJ CISPLATIN POWDER/SOLUTION 10 MG	Procedure	HCPCS
J9065	INJECTION CLADRIBINE PER 1 MG	Procedure	HCPCS
C9419	INJECTION CLADRIBINE PER 1 MG BRAND	Procedure	HCPCS
J9027	INJECTION CLOFARABINE 1 MG	Procedure	HCPCS
C9129	INJECTION CLOFARABINE PER 1 MG	Procedure	HCPCS
J9100	INJECTION CYTARABINE 100 MG	Procedure	HCPCS
J9110	INJECTION CYTARABINE 500 MG	Procedure	HCPCS
J9098	INJECTION CYTARABINE LIPOSOME 10 MG	Procedure	HCPCS
C1166	INJECTION CYTRABIN LIPOSOME-10 MG	Procedure	HCPCS
J9120	INJECTION DACTINOMYCIN 0.5 MG	Procedure	HCPCS
C9476	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J9145	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J0894	INJECTION DECITABINE 1 MG	Procedure	HCPCS
C9231	INJECTION DECITABINE PER 1 MG	Procedure	HCPCS
J9160	INJ DENILEUKIN DIFTITOX 300 MCG	Procedure	HCPCS
J9165	INJ DIETHYLSTILBESTROL 250 MG	Procedure	HCPCS
J9171	INJECTION DOCETAXEL 1 MG	Procedure	HCPCS
J9170	INJECTION DOCETAXEL 20 MG	Procedure	HCPCS
J9000	INJECTION DOXORUBICIN HCL 10 MG	Procedure	HCPCS
C9492	INJECTION DURVALUMAB 10 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
C9477	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9176	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9178	INJECTION EPIRUBICIN HCL 2 MG	Procedure	HCPCS
C1167	INJ EPIRUBICIN HYDROCHLORID 2 MG	Procedure	HCPCS
J9179	INJECTION ERIBULIN MESYLATE 0.1 MG	Procedure	HCPCS
C9280	INJECTION ERIBULIN MESYLATE 1 MG	Procedure	HCPCS
J9181	INJECTION ETOPOSIDE 10 MG	Procedure	HCPCS
J9200	INJECTION FLOXURIDINE 500 MG	Procedure	HCPCS
J9185	INJ FLUDARABINE PHOSPHATE 50 MG	Procedure	HCPCS
J9190	INJECTION FLUOROURACIL 500 MG	Procedure	HCPCS
J9395	INJECTION FULVESTRANT 25 MG	Procedure	HCPCS
C9120	INJECTION FULVESTRANT PER 50 MG	Procedure	HCPCS
J9201	INJECTION GEMCITABINE HCL 200 MG	Procedure	HCPCS
J9203	INJ GEMTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9300	INJ GEMTUZUMAB OZOGAMICIN 5 MG	Procedure	HCPCS
Q2020	INJECTION HISTRELIN ACETATE 10 MCG	Procedure	HCPCS
J1675	INJ HISTRELIN ACTAT 10 MICROGMS	Procedure	HCPCS
J9211	INJECTION IDARUBICIN HCL 5 MG	Procedure	HCPCS
J9208	INJECTION IFOSFAMIDE 1 G	Procedure	HCPCS
C9028	INJ INOTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9213	INJ INTERFERON ALFA-2A RECOM 3 M U	Procedure	HCPCS
J9214	INJ INTERFERON ALFA-2B RECOMB 1 M U	Procedure	HCPCS
C9284	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS
J9228	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS
C9240	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
J9207	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
C9024	INJ LIP 1 MG DNR & 2.27 MG CY	Procedure	HCPCS
J9230	INJECTION MECHLORETHAMINE HCL 10 MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
J9245	INJECTION MELPHALAN HCL 50 MG	Procedure	HCPCS
J9280	INJECTION MITOMYCIN 5 MG	Procedure	HCPCS
J9293	INJECTION MITOXANTRONE HCL PER 5 MG	Procedure	HCPCS
C9475	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9295	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9261	INJECTION NELARABINE 50 MG	Procedure	HCPCS
C9453	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
J9299	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
C9021	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
J9301	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
C9260	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
J9302	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
C9485	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J9285	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS
J9262	INJ OMACETAXINE MEPESUCCINAT .01 MG	Procedure	HCPCS
C9297	INJ OMACETAZN MEPESUCCINATE 0.01 MG	Procedure	HCPCS
J9263	INJECTION OXALIPLATIN 0.5 MG	Procedure	HCPCS
J9267	INJECTION PACLITAXEL 1 MG	Procedure	HCPCS
J9265	INJECTION PACLITAXEL 30 MG	Procedure	HCPCS
J9264	INJ PACLITAXEL PROTBND PARTICL 1 MG	Procedure	HCPCS
J9303	INJECTION PANITUMUMAB 10 MG	Procedure	HCPCS
J9266	INJ PEGASPARGASE SINGLE DOSE VIAL	Procedure	HCPCS
C9027	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9271	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9268	INJECTION PENTOSTATIN 10 MG	Procedure	HCPCS
J9306	INJECTION PERTUZUMAB 1 MG	Procedure	HCPCS
C9292	INJECTION PERTUZUMAB 10 MG	Procedure	HCPCS
J9270	INJECTION PLICAMYCIN 2.5 MG	Procedure	HCPCS
J9600	INJECTION PORFIMER SODIUM 75 MG	Procedure	HCPCS
C9259	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
J9307	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
C9025	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9308	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9310	INJECTION RITUXIMAB 100 MG	Procedure	HCPCS
C9467	INJ RITUXIMAB & HYALURONIDASE 10 MG	Procedure	HCPCS
C9265	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
J9315	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
C9455	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J2860	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J9320	INJECTION STREPTOZOCIN 1 G	Procedure	HCPCS
C9472	INJ TALIMOGEN LAHERPAREPVEC 1 M PFU	Procedure	HCPCS
J9328	INJECTION TEMOZOLOMIDE 1 MG	Procedure	HCPCS
C9253	INJECTION TEMOZOLOMIDE 1MG	Procedure	HCPCS
C9239	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
J9330	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
Q2017	INJECTION TENIPOSIDE 50 MG	Procedure	HCPCS
J9340	INJECTION THIOTEPA 15 MG	Procedure	HCPCS
C9480	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9352	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9355	INJECTION TRASTUZUMAB 10 MG	Procedure	HCPCS
J3315	INJ TRIPTORELIN PAMOATE 3.75 MG	Procedure	HCPCS
J9357	INJ VALRUBICIN INTRAVESICAL 200 MG	Procedure	HCPCS
J9360	INJECTION VINBLASTINE SULFATE 1 MG	Procedure	HCPCS
J9371	INJ VINCRISTINE SULF LIPOSOME 1 MG	Procedure	HCPCS
J9390	INJ VINOURELBINE TARTRATE 10 MG	Procedure	HCPCS
C9296	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J9400	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS
J9219	LEUPROLIDE ACETATE IMPLANT 65 MG	Procedure	HCPCS
S0177	LEVAMISOLE HYDROCHLORIDE ORAL 50 MG	Procedure	HCPCS
S0178	LOMUSTINE ORAL 10 MG	Procedure	HCPCS
C9017	LOMUSTINE, 10 MG	Procedure	HCPCS
S0179	MEGESTROL ACETATE ORAL 20 MG	Procedure	HCPCS
J8600	MELPHALAN ORAL 2 MG	Procedure	HCPCS
S0108	MERCAPTOPYRINE ORAL 50 MG	Procedure	HCPCS
J8610	METHOTREXATE ORAL 2.5 MG	Procedure	HCPCS
J9250	METHOTREXATE SODIUM 5 MG	Procedure	HCPCS
J9260	METHOTREXATE SODIUM 50 MG	Procedure	HCPCS
J9290	MITOMYCIN 20 MG	Procedure	HCPCS
J9291	MITOMYCIN 40 MG	Procedure	HCPCS
C9432	MITOMYCIN 5 MG BRAND NAME	Procedure	HCPCS
J7315	MITOMYCIN OPHTHALMIC 0. 2 MG	Procedure	HCPCS
S1016	NON-PVC IV ADMN SET RX NOT STABLE	Procedure	HCPCS
C9205	OXALIPLATIN INJ OXALIPLATIN-5 MG	Procedure	HCPCS
C9431	PACLITAXEL 30 MG BRAND NAME	Procedure	HCPCS
S0182	PROCARBAZINE HYDROCHLORD ORAL 50 MG	Procedure	HCPCS
A9604	SM-153 LEXIDRONAM TX TO 150 MCI	Procedure	HCPCS
A9605	SAMARIUM SM-153 LEXIDRONM TX 50 MCI	Procedure	HCPCS
C9401	SPL RP STRONTIUM-89 CL BRAND-MCI	Procedure	HCPCS
S0187	TAMOXIFEN CITRATE ORAL 10 MG	Procedure	HCPCS
C1086	TEMOZOLOMIDE 5 MG TEMODAR	Procedure	HCPCS
J8700	TEMOZOLOMIDE ORAL 5 MG	Procedure	HCPCS
C9433	THIOTEPA 15 MG BRAND NAME	Procedure	HCPCS
J9370	VINCRISTINE SULFATE 1 MG	Procedure	HCPCS
J9375	VINCRISTINE SULFATE 2 MG	Procedure	HCPCS
J9380	VINCRISTINE SULFATE 5 MG	Procedure	HCPCS
C9440	VINORELBINE TARTRATE BRAND 10 MG	Procedure	HCPCS
Cyclosporine			
J7502	CYCLOSPORINE ORAL 100 MG	Procedure	HCPCS
C9438	CYCLOSPORINE ORAL 100 MG BRAND NAME	Procedure	HCPCS
J7515	CYCLOSPORINE ORAL 25 MG	Procedure	HCPCS
J7516	CYCLOSPORINE PARENTERAL 250 MG	Procedure	HCPCS
K0122	CYCLOSPORINE, PARENTERAL, 250 MG	Procedure	HCPCS
Medroxyprogesterone			
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
Loop Diuretics			
S0171	INJECTION BUMETANIDE 0.5 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-2) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J1940	INJECTION FUROSEMIDE UP TO 20 MG	Procedure	HCPCS
J3265	INJECTION TORSEMIDE 10 MG/ML	Procedure	HCPCS
Proton Pump Inhibitors			
S0164	INJECTION PANTOPRAZOLE SODIUM 40 MG	Procedure	HCPCS
C9113	INJECTION PANTOPRAZOLE SODIUM-VIAL	Procedure	HCPCS
Thiazide Diuretics			
J1205	INJ CHLOROTHIAZIDE SODIUM 500 MG	Procedure	HCPCS
Beta Blockers			
J1800	INJECTION PROPRANOLOL HCL TO 1 MG	Procedure	HCPCS
Antidepressants			
S0106	BUPROPION HCI SR TAB 150 MG 60 TABS	Procedure	HCPCS
J1320	INJ AMITRIPTYLINE HCL TO 20 MG	Procedure	HCPCS
J3270	INJ IMIPRAMINE HCL TO 20 MG	Procedure	HCPCS
Short-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists			
J1675	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
Q2020	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
C9435	Injection, gonadorelin HCl, brand name, per 100 mcg	Procedure	HCPCS
J1620	Injection, gonadorelin HCl, per 100 mcg	Procedure	HCPCS
Long-Acting Goserelin			
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
Long-Acting Histrelin			
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
Long-Acting Triptorelin			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
Long-Acting Leuprolide Acetate (Excluding Lupron Depot-PED)			
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
Short-Acting Gonadorelin			
C9435	Injection, gonadorelin HCl, brand name, per 100 mcg	Procedure	HCPCS
J1620	Injection, gonadorelin HCl, per 100 mcg	Procedure	HCPCS
Short-Acting Histrelin			
J1675	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
Q2020	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
Anticoagulants	
ANISINDIONE	Miradon
APIXABAN	Eliquis
ARDEPARIN SODIUM,PORCINE	Normiflo
ARGATROBAN	argatroban
ARGATROBAN IN 0.9 % SODIUM CHLORIDE	argatroban in 0.9 % sod chlor
ARGATROBAN IN SODIUM CHLORIDE, ISO-OSMOTIC	argatroban in NaCl (iso-os)
BETRIXABAN MALEATE	Bevyxxa
BIVALIRUDIN	bivalirudin
BIVALIRUDIN	Angiomax
DABIGATRAN ETEXILATE MESYLATE	Pradaxa
DALTEPARIN SODIUM,PORCINE	Fragmin
DANAPAROID SODIUM,PORCINE	Orgaran
DESIRUDIN	Iprivask
DICUMAROL	dicumarol
EDOXABAN TOSYLATE	Savaysa
ENOXAPARIN SODIUM	Lovenox
ENOXAPARIN SODIUM	enoxaparin
FONDAPARINUX SODIUM	fondaparinux
FONDAPARINUX SODIUM	Arixtra
HEPARIN SODIUM,BEEF	heparin (bovine)
HEPARIN SODIUM,PORCINE	heparin (porcine)
HEPARIN SODIUM,PORCINE	Heparin Lock
HEPARIN SODIUM,PORCINE	heparin lock flush (porcine)
HEPARIN SODIUM,PORCINE	Hep-Lock
HEPARIN SODIUM,PORCINE	Hep-Lock Flush
HEPARIN SODIUM,PORCINE	heparin lock flush
HEPARIN SODIUM,PORCINE	Vasceze
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE	heparin(porcine) in 0.45% NaCl
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE/PF	heparin (porc)-0.45% NaCl (PF)
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Combination
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin flush(porcine)-0.9NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin (porcine) in 0.9% NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Hep-Pak
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE/PF	heparin (porcine) in NaCl (PF)
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER	heparin (porcine) in 5 % dex
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER/PF	heparin (porcine) in D5W (PF)

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
HEPARIN SODIUM,PORCINE/PF	heparin, porcine (PF)
HEPARIN SODIUM,PORCINE/PF	Hep Flush-10 (PF)
HEPARIN SODIUM,PORCINE/PF	Hep-Lock U/P PF
HEPARIN SODIUM,PORCINE/PF	Heparin LockFlush(Porcine)(PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill (PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill Advanced (PF)
LEPIRUDIN,RECOMBINANT	Refludan
RIVAROXABAN	Xarelto
TINZAPARIN SODIUM,PORCINE	Innohep
WARFARIN SODIUM	Coumadin
WARFARIN SODIUM	warfarin
WARFARIN SODIUM	Jantoven
Antidepressants	
AMITRIPTYLINE HCL	amitriptyline
AMITRIPTYLINE HCL	Elavil
AMITRIPTYLINE HCL	Vanatrip
AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE	Limbitrol DS
AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE	Limbitrol
AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE	amitriptyline-chlordiazepoxide
AMOXAPINE	amoxapine
AMOXAPINE	Asendin
BUPROPION HBR	Aplenzin
BUPROPION HCL	bupropion HCl
BUPROPION HCL	Wellbutrin XL
BUPROPION HCL	Wellbutrin
BUPROPION HCL	Wellbutrin SR
BUPROPION HCL	Forfivo XL
BUPROPION HCL	Budeprion XL
BUPROPION HCL	Budeprion SR
BUPROPION HCL/DIETARY SUPPLEMENT COMBINATION NO.15	Appbutamone-D
BUPROPION HCL/DIETARY SUPPLEMENT COMBINATION NO.16	Appbutamone
CITALOPRAM HYDROBROMIDE	citalopram
CITALOPRAM HYDROBROMIDE	Celexa
CLOMIPRAMINE HCL	clomipramine
CLOMIPRAMINE HCL	Anafranil
DESIPRAMINE HCL	desipramine
DESIPRAMINE HCL	Norpramin
DESVENLAFAXINE	desvenlafaxine
DESVENLAFAXINE	Khedezla
DESVENLAFAXINE FUMARATE	desvenlafaxine fumarate
DESVENLAFAXINE SUCCINATE	desvenlafaxine succinate

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
DESVENLAFAXINE SUCCINATE	Pristiq
DOXEPIN HCL	Sinequan
DOXEPIN HCL	doxepin
DOXEPIN HCL	Adapin
DOXEPIN HCL	Silenor
DULOXETINE HCL	Cymbalta
DULOXETINE HCL	duloxetine
DULOXETINE HCL	Irenka
ESCITALOPRAM OXALATE	Lexapro
ESCITALOPRAM OXALATE	escitalopram oxalate
FLUOXETINE HCL	fluoxetine
FLUOXETINE HCL	Prozac
FLUOXETINE HCL	Sarafem
FLUOXETINE HCL	Prozac Weekly
FLUOXETINE HCL	Rapiflux
FLUOXETINE HCL	Selfemra
FLUOXETINE HCL/DIETARY SUPPLEMENT NO.17	Gaboxetine
FLUOXETINE HCL/DIETARY SUPPLEMENT NO.8	Sentroxatine
FLUVOXAMINE MALEATE	fluvoxamine
FLUVOXAMINE MALEATE	Luvox
FLUVOXAMINE MALEATE	Luvox CR
IMIPRAMINE HCL	imipramine HCl
IMIPRAMINE HCL	Tofranil
IMIPRAMINE PAMOATE	Tofranil-PM
IMIPRAMINE PAMOATE	imipramine pamoate
ISOCARBOXAZID	Marplan
LEVOMILNACIPRAN HCL	Fetzima
MAPROTILINE HCL	maprotiline
MAPROTILINE HCL	Ludiomil
MILNACIPRAN HCL	Savella
MIRTAZAPINE	mirtazapine
MIRTAZAPINE	Remeron SolTab
MIRTAZAPINE	Remeron
NEFAZODONE HCL	Serzone
NEFAZODONE HCL	nefazodone
NORTRIPTYLINE HCL	nortriptyline
NORTRIPTYLINE HCL	Pamelor
NORTRIPTYLINE HCL	Aventyl
OLANZAPINE/FLUOXETINE HCL	olanzapine-fluoxetine
OLANZAPINE/FLUOXETINE HCL	Symbyax
PAROXETINE HCL	paroxetine HCl

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Generic Name	Brand Name
PAROXETINE HCL	Paxil
PAROXETINE HCL	Paxil CR
PAROXETINE MESYLATE	Pexeva
PAROXETINE MESYLATE	paroxetine mesylate(menop.sym)
PAROXETINE MESYLATE	Brisdelle
PERPHENAZINE/AMITRIPTYLINE HCL	perphenazine-amitriptyline
PERPHENAZINE/AMITRIPTYLINE HCL	Etrafon 2-10
PERPHENAZINE/AMITRIPTYLINE HCL	Duo-Vil 2-10
PERPHENAZINE/AMITRIPTYLINE HCL	Triavil 4-25
PERPHENAZINE/AMITRIPTYLINE HCL	Etrafon Forte 4-25
PERPHENAZINE/AMITRIPTYLINE HCL	Duo-Vil 2-25
PERPHENAZINE/AMITRIPTYLINE HCL	Etrafon 2-25
PERPHENAZINE/AMITRIPTYLINE HCL	Triavil 2-25
PERPHENAZINE/AMITRIPTYLINE HCL	Triavil 2-10
PHENELZINE SULFATE	Nardil
PHENELZINE SULFATE	phenelzine
PROTRIPTYLINE HCL	Vivactil
PROTRIPTYLINE HCL	protriptyline
SELEGILINE	Emsam
SERTRALINE HCL	sertraline
SERTRALINE HCL	Zoloft
TRANLYCYPROMINE SULFATE	Parnate
TRANLYCYPROMINE SULFATE	tranylcypromine
TRAZODONE HCL	trazodone
TRAZODONE HCL	Desyrel
TRAZODONE HCL	Oleptro ER
TRAZODONE HCL/DIETARY SUPPLEMENT NO.8	Trazamine
TRIMIPRAMINE MALEATE	trimipramine
TRIMIPRAMINE MALEATE	Surmontil
VENLAFAXINE HCL	Effexor
VENLAFAXINE HCL	venlafaxine
VENLAFAXINE HCL	Effexor XR
VILAZODONE HCL	Viibryd
VORTIOXETINE HYDROBROMIDE	Trintellix
VORTIOXETINE HYDROBROMIDE	Brintellix
Anti-Epileptic Drugs	
BRIVARACETAM	Briavict
CARBAMAZEPINE	Equetro
CARBAMAZEPINE	carbamazepine
CARBAMAZEPINE	Tegretol XR
CARBAMAZEPINE	Carbatrol

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
CARBAMAZEPINE	Tegretol
CARBAMAZEPINE	Atretol
CARBAMAZEPINE	Epitol
CLOBAZAM	Onfi
CLONAZEPAM	clonazepam
CLONAZEPAM	Klonopin
CLONAZEPAM	Ceberclon
DIAZEPAM	diazepam
DIAZEPAM	Diastat Pediatric
DIAZEPAM	Diastat AcuDial
DIAZEPAM	Diastat
DIAZEPAM	Diastat Universal
DIVALPROEX SODIUM	divalproex
DIVALPROEX SODIUM	Depakote
DIVALPROEX SODIUM	Depakote Sprinkles
DIVALPROEX SODIUM	Depakote ER
ESLICARBAZEPINE ACETATE	Aptiom
ETHOSUXIMIDE	ethosuximide
ETHOSUXIMIDE	Zarontin
ETHOTOIN	Peganone
EZOGABINE	Potiga
FELBAMATE	felbamate
FELBAMATE	Felbatol
FOSPHENYTOIN SODIUM	fosphenytoin
FOSPHENYTOIN SODIUM	Cerebyx
GABAPENTIN	Fanatrex
GABAPENTIN	gabapentin
GABAPENTIN	Neurontin
GABAPENTIN	Gabarone
GABAPENTIN/CAPSAICIN/METHYL SALICYLATE/MENTHOL	SmartRx Gaba-V Kit
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-90
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-60
GABAPENTIN/LIDOCAINE HCL/MENTHOL	SmartRx GabaKit
GABAPENTIN/LIDOCAINE HCL/MENTHOL	Active-Pac
LACOSAMIDE	Vimpat
LAMOTRIGINE	Lamictal
LAMOTRIGINE	lamotrigine
LAMOTRIGINE	Lamictal ODT Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Blue)
LAMOTRIGINE	Lamictal XR Starter (Blue)
LAMOTRIGINE	Lamictal XR

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
LAMOTRIGINE	Lamictal ODT
LAMOTRIGINE	Lamictal Starter (Orange) Kit
LAMOTRIGINE	Lamictal Starter (Green) Kit
LAMOTRIGINE	Lamictal XR Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Orange)
LAMOTRIGINE	Lamictal Starter (Blue) Kit
LAMOTRIGINE	Lamictal XR Starter (Orange)
LEVETIRACETAM	levetiracetam
LEVETIRACETAM	Keppra
LEVETIRACETAM	Spritam
LEVETIRACETAM	Roweepra
LEVETIRACETAM	Keppra XR
LEVETIRACETAM IN SODIUM CHLORIDE, ISO-OSMOTIC	levetiracetam in NaCl (iso-os)
MEPHENYTOIN	Mesantoin
METHSUXIMIDE	Celontin
OXCARBAZEPINE	oxcarbazepine
OXCARBAZEPINE	Trileptal
OXCARBAZEPINE	Oxtellar XR
PARAMETHADIONE	Paradione
PERAMPANEL	Fycompa
PHENOBARBITAL	phenobarbital
PHENOBARBITAL SODIUM	phenobarbital sodium
PHENOBARBITAL SODIUM	Luminal
PHENYTOIN	phenytoin
PHENYTOIN	Dilantin Infatabs
PHENYTOIN	Dilantin-125
PHENYTOIN SODIUM	phenytoin sodium
PHENYTOIN SODIUM	Di-Phen
PHENYTOIN SODIUM EXTENDED	phenytoin sodium extended
PHENYTOIN SODIUM EXTENDED	Dilantin Kapseal
PHENYTOIN SODIUM EXTENDED	Dilantin Extended
PHENYTOIN SODIUM EXTENDED	Phenytek
PHENYTOIN SODIUM EXTENDED	Dilantin
PREGABALIN	Lyrica
PRIMIDONE	primidone
PRIMIDONE	Mysoline
RUFINAMIDE	Banzel
TIAGABINE HCL	Gabitril
TIAGABINE HCL	tiagabine
TOPIRAMATE	topiramate
TOPIRAMATE	Topamax

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Generic Name	Brand Name
TOPIRAMATE	Trokendi XR
TOPIRAMATE	Qudexy XR
TOPIRAMATE	Topiragen
VALPROIC ACID	valproic acid
VALPROIC ACID	Stavzor
VALPROIC ACID	Depakene
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproate sodium
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	Depacon
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproic acid (as sodium salt)
VIGABATRIN	vigabatrin
VIGABATRIN	Sabril
ZONISAMIDE	zonisamide
ZONISAMIDE	Zonegran
Beta Blockers	
ACEBUTOLOL HCL	acebutolol
ACEBUTOLOL HCL	Sectral
ATENOLOL	atenolol
ATENOLOL	Tenormin
ATENOLOL	Senormin
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BETAXOLOL HCL	betaxolol
BETAXOLOL HCL	Kerlone
BISOPROLOL FUMARATE	bisoprolol fumarate
BISOPROLOL FUMARATE	Zebeta
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CARTEOLOL HCL	Cartrol
CARVEDILOL	carvedilol
CARVEDILOL	Coreg
CARVEDILOL PHOSPHATE	Coreg CR
CARVEDILOL PHOSPHATE	carvedilol phosphate
ESMOLOL HCL	esmolol
ESMOLOL HCL	Brevibloc
ESMOLOL HCL IN SODIUM CHLORIDE, ISO-OSMOTIC	Brevibloc in NaCl (iso-osm)
LABETALOL HCL	labetalol
LABETALOL HCL	Trandate
LABETALOL HCL	Normodyne
LABETALOL IN DEXTROSE 5 % IN WATER	labetalol in dextrose 5 %
METOPROLOL SUCCINATE	metoprolol succinate

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Generic Name	Brand Name
METOPROLOL SUCCINATE	Toprol XL
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL TARTRATE	metoprolol tartrate
METOPROLOL TARTRATE	Lopressor
METOPROLOL TARTRATE/DIETARY SUPPLEMENT, COMB.10	Hypertensolol
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
NADOLOL	nadolol
NADOLOL	Corgard
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
NEBIVOLOL HCL	Bystolic
PENBUTOLOL SULFATE	Levitol
PINDOLOL	pindolol
PINDOLOL	Visken
PROPRANOLOL HCL	propranolol
PROPRANOLOL HCL	Inderal
PROPRANOLOL HCL	Inderal LA
PROPRANOLOL HCL	InnoPran XL
PROPRANOLOL HCL	Hemangeol
PROPRANOLOL HCL	Inderal XL
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
SOTALOL HCL	Betapace AF
SOTALOL HCL	sotalol
SOTALOL HCL	Sotalol AF
SOTALOL HCL	Betapace
SOTALOL HCL	Sotylize
SOTALOL HCL	Sorine
TIMOLOL MALEATE	timolol maleate
TIMOLOL MALEATE	Blocadren
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
Bisphosphonates	
ALENDRONATE SODIUM	Fosamax
ALENDRONATE SODIUM	alendronate
ALENDRONATE SODIUM	Binosto
ALENDRONATE SODIUM/CHOLECALCIFEROL (VITAMIN D3)	Fosamax Plus D
ETIDRONATE DISODIUM	Didronel
ETIDRONATE DISODIUM	etidronate disodium

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Generic Name	Brand Name
IBANDRONATE SODIUM	Boniva
IBANDRONATE SODIUM	ibandronate
PAMIDRONATE DISODIUM	pamidronate
PAMIDRONATE DISODIUM	Aredia
RISEDRONATE SODIUM	Actonel
RISEDRONATE SODIUM	risedronate
RISEDRONATE SODIUM	Atelvia
RISEDRONATE SODIUM/CALCIUM CARBONATE	Actonel with Calcium
TILUDRONATE DISODIUM	Skelid
ZOLEDRONIC ACID	Zometa
ZOLEDRONIC ACID	zoledronic acid
ZOLEDRONIC ACID IN MANNITOL AND 0.9 % SODIUM CHLORIDE	zoledronic ac-mannitol-0.9NaCl
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	Reclast
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	zoledronic acid-mannitol-water
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	Zometa

Chemotherapy

ABARELIX	Plenaxis
ABEMACICLIB	Verzenio
ABIRATERONE ACETATE	Zytiga
ACALABRUTINIB	Calquence
ADO-TRASTUZUMAB EMTANSINE	Kadcyla
AFATINIB DIMALEATE	Gilotrif
ALDESLEUKIN	Proleukin
ALECTINIB HCL	Alecensa
ALEMTUZUMAB	Campath
ALTRETAMINE	Hexalen
AMINOGLUTETHIMIDE	Cytadren
ANASTROZOLE	Arimidex 30-day Pack
ANASTROZOLE	anastrozole
ANASTROZOLE	Arimidex
ARSENIC TRIOXIDE	Trisenox
ASPARAGINASE	Elspar
ASPARAGINASE (ERWINIA CHRYSANTHEMI)	Erwinaze
ATEZOLIZUMAB	Tecentriq
AVELUMAB	Bavencio
AXICABTAGENE CILOLEUCEL	Yescarta
AXITINIB	Inlyta
AZACITIDINE	azacitidine
AZACITIDINE	Vidaza
BCG LIVE	Theracys
BCG LIVE	Tice BCG

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Generic Name	Brand Name
BELINOSTAT	Beleodaq
BENDAMUSTINE HCL	Treanda
BENDAMUSTINE HCL	Bendeka
BEVACIZUMAB	Avastin
BEXAROTENE	bexarotene
BEXAROTENE	Targretin
BICALUTAMIDE	bicalutamide
BICALUTAMIDE	Casodex
BLEOMYCIN SULFATE	bleomycin
BLEOMYCIN SULFATE	Blenoxane
BLEOMYCIN SULFATE	Bleo 15K
BLINATUMOMAB	Blinicyto
BORTEZOMIB	Velcade
BORTEZOMIB	bortezomib
BOSUTINIB	Bosulif
BRENTUXIMAB VEDOTIN	Adcetris
BRIGATINIB	Alunbrig
BUSULFAN	Busulfex
BUSULFAN	busulfan
BUSULFAN	Myleran
CABAZITAXEL	Jevtana
CABOZANTINIB S-MALATE	Cabometyx
CABOZANTINIB S-MALATE	Cometriq
CAPECITABINE	capecitabine
CAPECITABINE	Xeloda
CARBOPLATIN	carboplatin
CARBOPLATIN	Paraplatin
CARFILZOMIB	Kyprolis
CARMUSTINE	BiCNU
CARMUSTINE IN POLIFEPROSAN 20	Gliadel Wafer
CERITINIB	Zykadia
CETUXIMAB	Erbitux
CHLORAMBUCIL	Leukeran
CISPLATIN	cisplatin
CISPLATIN	Platinol AQ
CLADRIBINE	cladribine
CLADRIBINE	Leustatin
CLOFARABINE	clofarabine
CLOFARABINE	Clolar
COBIMETINIB FUMARATE	Cotellic
COPANLISIB DI-HCL	Aliqopa

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Generic Name	Brand Name
CRIZOTINIB	Xalkori
CROMOLYN SODIUM	cromolyn
CROMOLYN SODIUM	Gastrocrom
CYCLOPHOSPHAMIDE	cyclophosphamide
CYCLOPHOSPHAMIDE	Cytoxan Lyophilized
CYCLOPHOSPHAMIDE	Neosar
CYCLOPHOSPHAMIDE	Cytoxan
CYTARABINE	Cytosar-U
CYTARABINE	cytarabine
CYTARABINE	Tarabine Pfs
CYTARABINE LIPOSOME/PF	DepoCyt (PF)
CYTARABINE/PF	cytarabine (PF)
DABRAFENIB MESYLATE	Tafinlar
DACARBAZINE	dacarbazine
DACARBAZINE	DTIC-Dome
DACTINOMYCIN	Cosmegen
DACTINOMYCIN	dactinomycin
DARATUMUMAB	Darzalex
DASATINIB	Sprycel
DAUNORUBICIN CITRATE LIPOSOMAL	DaunoXome
DAUNORUBICIN HCL	daunorubicin
DAUNORUBICIN HCL	Cerubidine
DAUNORUBICIN/CYTARABINE LIPOSOMAL	Vyxeos
DECITABINE	Dacogen
DECITABINE	decitabine
DEGARELIX ACETATE	Firmagon kit w diluent syringe
DEGARELIX ACETATE	Firmagon
DENILEUKIN DIFTITOX	Ontak
DIETHYLSTILBESTROL DIPHOSPHATE	Stilphostrol
DINUTUXIMAB	Unituxin
DOCETAXEL	docetaxel
DOCETAXEL	Taxotere
DOCETAXEL	Docefrez
DOXORUBICIN HCL	doxorubicin
DOXORUBICIN HCL	Adriamycin
DOXORUBICIN HCL	Adriamycin PFS
DOXORUBICIN HCL	Adriamycin RDF
DOXORUBICIN HCL	Rubex
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	doxorubicin, peg-liposomal
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Doxil

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Generic Name	Brand Name
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox 50
DURVALUMAB	Imfinzi
ELOTUZUMAB	Empliciti
ENASIDENIB MESYLATE	Idhifa
ENZALUTAMIDE	Xtandi
EPIRUBICIN HCL	epirubicin
EPIRUBICIN HCL	Ellence
ERIBULIN MESYLATE	Halaven
ERLOTINIB HCL	Tarceva
ESTRAMUSTINE PHOSPHATE SODIUM	Emcyt
ETOPOSIDE	etoposide
ETOPOSIDE	VePesid
ETOPOSIDE	Toposar
ETOPOSIDE PHOSPHATE	Etopophos
EVEROLIMUS	Afinitor Disperz
EVEROLIMUS	Afinitor
EXEMESTANE	Aromasin
EXEMESTANE	exemestane
FLOXURIDINE	FUDR
FLOXURIDINE	floxuridine
FLUDARABINE PHOSPHATE	fludarabine
FLUDARABINE PHOSPHATE	Fludara
FLUDARABINE PHOSPHATE	Oforta
FLUOROURACIL	fluorouracil
FLUOROURACIL	Adrucil
FLUTAMIDE	flutamide
FLUTAMIDE	Eulexin
FULVESTRANT	Faslodex
GEFITINIB	Iressa
GEMCITABINE HCL	gemcitabine
GEMCITABINE HCL	Gemzar
GEMTUZUMAB OZOGAMICIN	Mylotarg
GOSERELIN ACETATE	Zoladex
HISTRELIN ACETATE	Vantas
HYDROXYUREA	hydroxyurea
HYDROXYUREA	Hydrea
HYDROXYUREA	Mylocel
IBRUTINIB	Imbruvica
IDARUBICIN HCL	idarubicin
IDARUBICIN HCL	Idamycin PFS
IDARUBICIN HCL	Idamycin

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Generic Name	Brand Name
IDELALISIB	Zydelig
IFOSFAMIDE	ifosfamide
IFOSFAMIDE	Ifex
IFOSFAMIDE/MESNA	ifosfamide-mesna
IFOSFAMIDE/MESNA	Ifex/Mesnex
IMATINIB MESYLATE	imatinib
IMATINIB MESYLATE	Gleevec
INOTUZUMAB OZOGAMICIN	Besponsa
INTERFERON ALFA-2A,RECOMB.	Roferon-A
INTERFERON ALFA-2B,RECOMB.	Intron A
IPILIMUMAB	Yervoy
IRINOTECAN HCL	Camptosar
IRINOTECAN HCL	irinotecan
IRINOTECAN LIPOSOMAL	Onivyde
IXABEPILONE	Ixempra
IXAZOMIB CITRATE	Ninlaro
KIT FOR PREP INDIUM-111/IBRITUMOMAB TIUXETAN/ALBUMIN	Zevalin (In-111)
KIT FOR PREP YTTRIUM-90/IBRITUMOMAB TIUXETAN/ALBUMIN	Zevalin (Y-90)
LAPATINIB DITOSYLATE	Tykerb
LENALIDOMIDE	Revlimid
LENVATINIB MESYLATE	Lenvima
LETROZOLE	letrozole
LETROZOLE	Femara
LEUPROLIDE ACETATE	Lupron Depot (6 Month)
LEUPROLIDE ACETATE	Lupron Depot
LEUPROLIDE ACETATE	Lupron Depot (4 month)
LEUPROLIDE ACETATE	Lupron Depot (3 month)
LEUPROLIDE ACETATE	leuprolide
LEUPROLIDE ACETATE	Eligard (6 month)
LEUPROLIDE ACETATE	Eligard (4 month)
LEUPROLIDE ACETATE	Lupron
LEUPROLIDE ACETATE	Eligard
LEUPROLIDE ACETATE	Eligard (3 month)
LEUPROLIDE ACETATE/LIDOCAINE HCL	Viadur
LEVAMISOLE HCL	Ergamisol
LOMUSTINE	lomustine
LOMUSTINE	CeeNU
LOMUSTINE	Gleostine
LUTETIUM LU 177 DOTATATE	Lutathera
MECHLORETHAMINE HCL	Mustargen
MEDROXYPROGESTERONE ACETATE	Depo-Provera

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Generic Name	Brand Name
MEGESTROL ACETATE	megestrol
MEGESTROL ACETATE	Megace
MELPHALAN	Alkeran
MELPHALAN	melphalan
MELPHALAN HCL	melphalan HCl
MELPHALAN HCL	Alkeran
MELPHALAN HCL/BETADEX SULFOBUTYL ETHER SODIUM	Evomela
MERCAPTOPYRINE	Purinethol
MERCAPTOPYRINE	Purixan
MERCAPTOPYRINE	mercaptopurine
METHOTREXATE	Xatmep
METHOTREXATE SODIUM	methotrexate sodium
METHOTREXATE SODIUM	Trexall
METHOTREXATE SODIUM/PF	methotrexate sodium (PF)
METHOTREXATE SODIUM/PF	Methotrexate LPF
METHOXSALLEN	Uvadex
MIDOSTAURIN	Rydapt
MITOMYCIN	mitomycin
MITOMYCIN	Mutamycin
MITOTANE	Lysodren
MITOXANTRONE HCL	mitoxantrone
MITOXANTRONE HCL	Novantrone
NECITUMUMAB	Portrazza
NELARABINE	Arranon
NERATINIB MALEATE	Nerlynx
NILOTINIB HCL	Tasigna
NILUTAMIDE	Nilandron
NILUTAMIDE	nilutamide
NINTEDANIB ESYLATE	Ofev
NIRAPARIB TOSYLATE	Zejula
NIVOLUMAB	Opdivo
OBINUTUZUMAB	Gazyva
OFATUMUMAB	Arzerra
OLAPARIB	Lynparza
OLARATUMAB	Lartruvo
OMACETAXINE MEPESUCCINATE	Synribo
OSIMERTINIB MESYLATE	Tagrisso
OXALIPLATIN	oxaliplatin
OXALIPLATIN	Eloxatin
PACLITAXEL	paclitaxel
PACLITAXEL	Onxol

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
PACLITAXEL	Taxol
PACLITAXEL PROTEIN-BOUND	Abraxane
PALBOCICLIB	Ibrance
PANITUMUMAB	Vectibix
PANOBINOSTAT LACTATE	Farydak
PAZOPANIB HCL	Votrient
PEGASPARGASE	Oncaspar
PEGINTERFERON ALFA-2B	Sylatron
PEGINTERFERON ALFA-2B	Sylatron 4-Pack
PEMBROLIZUMAB	Keytruda
PEMETREXED DISODIUM	Alimta
PENTOSTATIN	Nipent
PENTOSTATIN	pentostatin
PERTUZUMAB	Perjeta
PLICAMYCIN	Mithracin
POMALIDOMIDE	Pomalyst
PONATINIB HCL	Iclusig
PORFIMER SODIUM	Photofrin
PRALATREXATE	Folotyn
PROCARBAZINE HCL	Matulane
RADIUM-223 DICHLORIDE	Xofigo
RAMUCIRUMAB	Cyramza
REGORAFENIB	Stivarga
RIBOCICLIB SUCCINATE	Kisqali
RIBOCICLIB SUCCINATE/LETROZOLE	Kisqali Femara Co-Pack
RITUXIMAB	Rituxan
RITUXIMAB/HYALURONIDASE, HUMAN RECOMBINANT	Rituxan Hycela
ROMIDEPSIN	Istodax
ROMIDEPSIN	romidepsin
RUCAPARIB CAMSYLATE	Rubraca
RUXOLITINIB PHOSPHATE	Jakafi
SAMARIUM SM 153 LEXIDRONAM	Quadramet
SILTUXIMAB	Sylvant
SIPULEUCEL-T/LACTATED RINGERS SOLUTION	Provenge
SODIUM IODIDE-131	Hicon
SONIDEGIB PHOSPHATE	Odomzo
SORAFENIB TOSYLATE	Nexavar
STREPTOZOCIN	Zanosar
STRONTIUM-89 CHLORIDE	Metastron
SUNITINIB MALATE	Sutent
TALIMOGENE LAHERPAREPVEC	Imlygic

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
TAMOXIFEN CITRATE	Nolvadex
TAMOXIFEN CITRATE	tamoxifen
TAMOXIFEN CITRATE	Soltamox
TEMOZOLOMIDE	Temodar
TEMOZOLOMIDE	temozolomide
TEMSIROLIMUS	Torisel
TENIPOSIDE	Vumon
TENIPOSIDE	teniposide
TESTOLACTONE	Teslac
THALIDOMIDE	Thalomid
THIOGUANINE	Tabloid
THIOTEPA	Thioplex
THIOTEPA	thiotepa
THIOTEPA	Tepadina
TISAGENLECLEUCEL	Kymriah
TOPOTECAN HCL	topotecan
TOPOTECAN HCL	Hycamtin
TOREMIFENE CITRATE	Fareston
TOSITUMOMAB (WITH MALTOSE)	Bexxar Therapeutic
TOSITUMOMAB (WITH MALTOSE)	Bexxar Dosimetric
TOSITUMOMAB IODINE-131 (WITH MALTOSE)	Bexxar 131 Iodine
TRABECTEDIN	Yondelis
TRAMETINIB DIMETHYL SULFOXIDE	Mekinist
TRASTUZUMAB	Herceptin
TRETINOIN	tretinoin (chemotherapy)
TRETINOIN	Vesanoid
TRIFLURIDINE/TIPIRACIL HCL	Lonsurf
TRIPTORELIN PAMOATE	Trelstar
TRIPTORELIN PAMOATE	Trelstar Depot
TRIPTORELIN PAMOATE	Trelstar LA
URACIL MUSTARD	uracil mustard
VALRUBICIN	Valstar
VANDETANIB	Caprelsa
VANDETANIB	vandetanib
VEMURAFENIB	Zelboraf
VENETOCLAX	Venclexta
VENETOCLAX	Venclexta Starting Pack
VINBLASTINE SULFATE	vinblastine
VINBLASTINE SULFATE	Velban
VINCRISTINE SULFATE	Oncovin
VINCRISTINE SULFATE	vincristine

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
VINCRIStINE SULFATE	Vincasar PFS
VINCRIStINE SULFATE LIPOSOMAL	Marqibo
VINORELBINE TARTRATE	vinorelbine
VINORELBINE TARTRATE	Navelbine
VISMODEGIB	Erivedge
VORINOSTAT	Zolanza
ZIV-AFLIBERCEPT	Zaltrap
Corticosteroids	
BECLOMETHASONE DIPROPIONATE	Beclovent
BECLOMETHASONE DIPROPIONATE	Qvar
BECLOMETHASONE DIPROPIONATE	Vanceril
BECLOMETHASONE DIPROPIONATE	Beclovent Refill
BECLOMETHASONE DIPROPIONATE	Vanceril Double Strength
BECLOMETHASONE DIPROPIONATE	Qvar RediHaler
BECLOMETHASONE DIPROPIONATE	Beconase
BECLOMETHASONE DIPROPIONATE	Vancenase AQ Double Strength
BECLOMETHASONE DIPROPIONATE	Beconase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase Pockethaler
BECLOMETHASONE DIPROPIONATE	Vancenase
BECLOMETHASONE DIPROPIONATE	QNASL
BETAMETHASONE	Celestone
BETAMETHASONE ACETATE AND SODIUM PHOSPH/NORFLURAN	Betaloan SUIK
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSP	Beta-1
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSP	Celestone Soluspan
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSP	ReadySharp Betamethasone
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSP	betamethasone acet,sod phos
BETAMETHASONE SODIUM PHOSPH IN STERILE WATER FOR INJ	betamethasone sod phosph-water
BETAMETHASONE SODIUM PHOSPHATE	Celestone
BETAMETHASONE SODIUM PHOSPHATE	Adbeon
BETAMETHASONE SODIUM PHOSPHATE	betamethasone sodium phosphate
BUDESONIDE	budesonide
BUDESONIDE	Pulmicort Flexhaler
BUDESONIDE	Pulmicort
BUDESONIDE	Pulmicort Turbuhaler
BUDESONIDE	Rhinocort Aqua
BUDESONIDE	Rhinocort Allergy
BUDESONIDE	Rhinocort
CICLESONIDE	Alvesco
CICLESONIDE	Omnaris
CICLESONIDE	Zetonna

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Generic Name	Brand Name
CORTISONE ACETATE	Cortone
CORTISONE ACETATE	cortisone
DEFLAZACORT	Emflaza
DEXAMETHASONE	dexamethasone
DEXAMETHASONE	DexPak 10 day
DEXAMETHASONE	Dexone
DEXAMETHASONE	DexPak 13 Day
DEXAMETHASONE	LoCort
DEXAMETHASONE	Hexadrol
DEXAMETHASONE	ZonaCort
DEXAMETHASONE	Decadron
DEXAMETHASONE	ZoDex
DEXAMETHASONE	Zema-Pak
DEXAMETHASONE	TaperDex
DEXAMETHASONE	Dexamethasone Intensol
DEXAMETHASONE	DexPak 6 Day
DEXAMETHASONE	Decadron Dose Pack
DEXAMETHASONE	Baycadron
DEXAMETHASONE ACETATE	Dalalone D.P.
DEXAMETHASONE ACETATE	dexamethasone acetate
DEXAMETHASONE ACETATE	Adrenocot LA
DEXAMETHASONE ACETATE	Solurex LA
DEXAMETHASONE ACETATE	Decaject
DEXAMETHASONE ACETATE	Dalalone LA
DEXAMETHASONE ACETATE	Dexacen LA-8
DEXAMETHASONE ACETATE	Dexasone LA
DEXAMETHASONE ACETATE	De-Sone LA
DEXAMETHASONE ACETATE	Dexone LA
DEXAMETHASONE PHOSPHATE	Primethasone
DEXAMETHASONE SOD PHOSPHATE	dexamethasone sodium phosphate
DEXAMETHASONE SOD PHOSPHATE	Solurex
DEXAMETHASONE SOD PHOSPHATE	Dexasone 4
DEXAMETHASONE SOD PHOSPHATE	ReadySharp dexamethasone
DEXAMETHASONE SOD PHOSPHATE	Dexone
DEXAMETHASONE SOD PHOSPHATE	Cpc-Cort-D
DEXAMETHASONE SOD PHOSPHATE	Decaject
DEXAMETHASONE SOD PHOSPHATE	Decadron
DEXAMETHASONE SOD PHOSPHATE	Dalalone
DEXAMETHASONE SOD PHOSPHATE	Dexasone 10
DEXAMETHASONE SOD PHOSPHATE	Adrenocot
DEXAMETHASONE SODIUM PHOSPHATE IN 0.9 % SODIUM CHL	dexamethasone in 0.9 % sod chl

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
DEXAMETHASONE SODIUM PHOSPHATE/LIDOCAINE HCL	Lidocidex-I
DEXAMETHASONE SODIUM PHOSPHATE/PF	MAS Care-Pak (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	dexamethasone sodium phos (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	Active Injection Kit D (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	DoubleDex (PF)
DEXAMETHASONE/PF/NORFLURANE/PENTAFLUOROPROPANE (DMT SUIK
FLUDROCORTISONE ACETATE	fludrocortisone
FLUDROCORTISONE ACETATE	Florinef
FLUNISOLIDE	Aerobid
FLUNISOLIDE	Aerospan
FLUNISOLIDE	flunisolide
FLUNISOLIDE	Nasarel
FLUNISOLIDE	Nasalide
FLUNISOLIDE/MENTHOL	Aerobid-M
FLUTICASONE FUROATE	Arnuity Ellipta
FLUTICASONE FUROATE	Veramyst
FLUTICASONE FUROATE	Flonase Sensimist
FLUTICASONE FUROATE	Children's Flonase Sensimist
FLUTICASONE PROPIONATE	Flovent Rotadisk
FLUTICASONE PROPIONATE	Flovent HFA
FLUTICASONE PROPIONATE	Flovent Diskus
FLUTICASONE PROPIONATE	Flovent
FLUTICASONE PROPIONATE	ArmonAir RespiClick
FLUTICASONE PROPIONATE	ClariSpray
FLUTICASONE PROPIONATE	Allergy Relief (fluticasone)
FLUTICASONE PROPIONATE	fluticasone
FLUTICASONE PROPIONATE	Children's Flonase Allergy Rlf
FLUTICASONE PROPIONATE	Aller-Flo
FLUTICASONE PROPIONATE	Flonase Allergy Relief
FLUTICASONE PROPIONATE	Flonase
FLUTICASONE PROPIONATE	24 Hour Allergy Relief
FLUTICASONE PROPIONATE	Childrens 24 Hr Allergy Relief
FLUTICASONE PROPIONATE	Xhance
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICAR	Ticaspray
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICAR	Ticanase
HYDROCORTISONE	hydrocortisone
HYDROCORTISONE	Cortef
HYDROCORTISONE	Hydrocortone
HYDROCORTISONE	Massengill Towelette,Medicated
HYDROCORTISONE ACETATE	hydrocortisone acetate
HYDROCORTISONE CYPIONATE	Cortef (as cypionate)

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Generic Name	Brand Name
HYDROCORTISONE SOD PHOSPHATE	Hydrocortone
HYDROCORTISONE SOD SUCCINATE	Solu-Cortef
HYDROCORTISONE SOD SUCCINATE	hydrocortisone sod succinate
HYDROCORTISONE SOD SUCCINATE	A-Hydrocort
HYDROCORTISONE SODIUM SUCCINATE/PF	Solu-Cortef (PF)
METHYLPREDNISOLONE	Medrol
METHYLPREDNISOLONE	methylprednisolone
METHYLPREDNISOLONE	Medrol (Pak)
METHYLPREDNISOLONE	Meprolone Unipak
METHYLPREDNISOLONE	Methylpred
METHYLPREDNISOLONE ACETATE	methylprednisolone acetate
METHYLPREDNISOLONE ACETATE	Depo-Medrol
METHYLPREDNISOLONE ACETATE	Rep-Pred 80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 40
METHYLPREDNISOLONE ACETATE	P-Care D40
METHYLPREDNISOLONE ACETATE	P-Care D80
METHYLPREDNISOLONE ACETATE	Depo-Predate
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-40
METHYLPREDNISOLONE ACETATE	Depoject-80
METHYLPREDNISOLONE ACETATE	ReadySharp Methylprednisolone
METHYLPREDNISOLONE ACETATE	Depopred 40
METHYLPREDNISOLONE ACETATE	Rep-Pred 40
METHYLPREDNISOLONE ACETATE	Methylcotolone
METHYLPREDNISOLONE ACETATE	Medralone 80
METHYLPREDNISOLONE ACETATE	Adlone
METHYLPREDNISOLONE ACETATE	Medralone 40
METHYLPREDNISOLONE ACETATE	Depoject-40
METHYLPREDNISOLONE ACETATE	Depopred 80
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 80
METHYLPREDNISOLONE ACETATE/BUPIVACAINE HCL	Physicians EZ Use M-Pred
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D40G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan SUIK
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D80G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan II SUIK
METHYLPREDNISOLONE SODIUM SUCCINATE	Solu-Medrol
METHYLPREDNISOLONE SODIUM SUCCINATE	methylprednisolone sodium succ
METHYLPREDNISOLONE SODIUM SUCCINATE	A-Methapred
METHYLPREDNISOLONE SODIUM SUCCINATE/PF	Solu-Medrol (PF)
MOMETASONE FUROATE	Asmanex Twisthaler
MOMETASONE FUROATE	Asmanex HFA

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Generic Name	Brand Name
MOMETASONE FUROATE	mometasone
MOMETASONE FUROATE	Nasonex
MOMETASONE FUROATE	Sinuva
PREDNISOLONE	prednisolone
PREDNISOLONE	Prelone
PREDNISOLONE	Millipred
PREDNISOLONE	Millipred DP
PREDNISOLONE ACETATE	Key-Pred
PREDNISOLONE ACETATE	Cotolone
PREDNISOLONE ACETATE	prednisolone acetate
PREDNISOLONE ACETATE	Predalone 50
PREDNISOLONE ACETATE	Pri-Cortin 50
PREDNISOLONE ACETATE	UAD Pred
PREDNISOLONE ACETATE	Predicort-50
PREDNISOLONE ACETATE	Flo-Pred
PREDNISOLONE SOD PHOSPHATE	prednisolone sodium phosphate
PREDNISOLONE SOD PHOSPHATE	Orapred
PREDNISOLONE SOD PHOSPHATE	Pediapred
PREDNISOLONE SOD PHOSPHATE	Orapred ODT
PREDNISOLONE SOD PHOSPHATE	Veripred 20
PREDNISOLONE SOD PHOSPHATE	Millipred
PREDNISOLONE SOD PHOSPHATE	Bubbli-Pred
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred Plus
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred
PREDNISONE	prednisone
PREDNISONE	Deltasone
PREDNISONE	Sterapred DS
PREDNISONE	Liquid Pred
PREDNISONE	Meticorten
PREDNISONE	Rayos
PREDNISONE	Sterapred
PREDNISONE	Deltasone Dose Pack
PREDNISONE	Prednisone Intenol
TRIAMCINOLONE	Aristocort
TRIAMCINOLONE	Aristo-Pak
TRIAMCINOLONE	triamcinolone
TRIAMCINOLONE ACETONIDE	Azmacort
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 6
TRIAMCINOLONE ACETONIDE	triamcinolone acetonide
TRIAMCINOLONE ACETONIDE	Kenalog
TRIAMCINOLONE ACETONIDE	Kenaject

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
TRIAMCINOLONE ACETONIDE	Tri-Kort
TRIAMCINOLONE ACETONIDE	Triam-A
TRIAMCINOLONE ACETONIDE	Arze-Ject-A
TRIAMCINOLONE ACETONIDE	ReadySharp Triamcinolone
TRIAMCINOLONE ACETONIDE	Cinonide 40
TRIAMCINOLONE ACETONIDE	P-Care K80
TRIAMCINOLONE ACETONIDE	Triamonide 40
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 5
TRIAMCINOLONE ACETONIDE	Pod-Care 100K
TRIAMCINOLONE ACETONIDE	Acetocot
TRIAMCINOLONE ACETONIDE	Tac-3
TRIAMCINOLONE ACETONIDE	P-Care K40
TRIAMCINOLONE ACETONIDE	Cenocort A-40
TRIAMCINOLONE ACETONIDE	Zilretta
TRIAMCINOLONE ACETONIDE	Nasacort AQ
TRIAMCINOLONE ACETONIDE	Nasacort
TRIAMCINOLONE ACETONIDE	Nasal Allergy
TRIAMCINOLONE ACETONIDE	Children's Nasacort
TRIAMCINOLONE ACETONIDE	Tri-Nasal
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	EZ Use Joint-Tunnel-Trigger
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	Lidocilone I
TRIAMCINOLONE ACETONIDE/LIDOCAINE/PRILOCAINE	DermacinRx Cinlone-I CPI
TRIAMCINOLONE DIACETATE	Triamcot
TRIAMCINOLONE DIACETATE	Amcort
TRIAMCINOLONE DIACETATE	Aristocort Forte
TRIAMCINOLONE DIACETATE	Aristocort Intralesional
TRIAMCINOLONE DIACETATE	U-Tri-Lone
TRIAMCINOLONE DIACETATE	Cinalone 40
TRIAMCINOLONE DIACETATE	triamcinolone diacetate
TRIAMCINOLONE DIACETATE	Tristoject
TRIAMCINOLONE DIACETATE	Cenocort Forte Suspension
TRIAMCINOLONE DIACETATE	Triam Forte
TRIAMCINOLONE HEXACETONIDE	Aristospan Intralesional
TRIAMCINOLONE HEXACETONIDE	Aristospan Intra-Articular
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (Triloan II SUIK	
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (Triloan SUIK	
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (Pod-Care 100KG	
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (P-Care K40G	
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (P-Care K80G	
Cyclosporine	
CYCLOSPORINE	Sandimmune

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Generic Name	Brand Name
CYCLOSPORINE	cyclosporine
CYCLOSPORINE, MODIFIED	cyclosporine modified
CYCLOSPORINE, MODIFIED	Neoral
CYCLOSPORINE, MODIFIED	Gengraf
CYCLOSPORINE, MODIFIED	SangCya
Loop Diuretics	
BUMETANIDE	bumetanide
BUMETANIDE	Bumex
ETHACRYNATE SODIUM	ethacrynate sodium
ETHACRYNATE SODIUM	Sodium Edecrin
ETHACRYNIC ACID	ethacrynic acid
ETHACRYNIC ACID	Edecrin
FUROSEMIDE	furosemide
FUROSEMIDE	Lasix
FUROSEMIDE IN 0.9 % SODIUM CHLORIDE	furosemide in 0.9 % NaCl
FUROSEMIDE/DEXTROSE 5 % IN WATER	furosemide in dextrose 5 %
TORSEMIDE	torsemide
TORSEMIDE	Demadex
Medroxyprogesterone	
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	medroxyprogest-estradiol cyp
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	Lunelle
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Premphase
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Prempro
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEDROXYPROGESTERONE ACETATE	medroxyprogesterone
MEDROXYPROGESTERONE ACETATE	Depo-SubQ provera 104
MEDROXYPROGESTERONE ACETATE	Cycrin
MEDROXYPROGESTERONE ACETATE	Provera
MEDROXYPROGESTERONE ACETATE	Amen
Nitrates	
AMYL NITRITE	amyl nitrite
ISOSORBIDE DINITRATE	Isordil
ISOSORBIDE DINITRATE	isosorbide dinitrate
ISOSORBIDE DINITRATE	Isordil Titradose
ISOSORBIDE DINITRATE	Sorbitrate
ISOSORBIDE DINITRATE	IsoDitrates
ISOSORBIDE DINITRATE	Dilatrate-SR
ISOSORBIDE DINITRATE	ISOCHRON
ISOSORBIDE MONONITRATE	isosorbide mononitrate
ISOSORBIDE MONONITRATE	Ismo
ISOSORBIDE MONONITRATE	Imdur

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
ISOSORBIDE MONONITRATE	Monoket
ISOSORBIDE MONONITRATE	Isotrate ER
NITROGLYCERIN	nitroglycerin
NITROGLYCERIN	Nitro-Bid
NITROGLYCERIN	Transderm-Nitro
NITROGLYCERIN	NitroTab
NITROGLYCERIN	Nitrolingual
NITROGLYCERIN	NitroQuick
NITROGLYCERIN	Tridil
NITROGLYCERIN	Nitro-Time
NITROGLYCERIN	GoNitro
NITROGLYCERIN	Nitromist
NITROGLYCERIN	Nitrostat
NITROGLYCERIN	Nitro-Dur
NITROGLYCERIN	Deponit
NITROGLYCERIN	Nitrek
NITROGLYCERIN	Minitran
NITROGLYCERIN	Nitrol
NITROGLYCERIN	Nitrodisc
NITROGLYCERIN	Transdermal-NTG
NITROGLYCERIN	Nitroglyn
NITROGLYCERIN	Nitrogard
NITROGLYCERIN	Nitronal
NITROGLYCERIN	Nitro-Trans System
NITROGLYCERIN	Nitrocot SA
NITROGLYCERIN IN 5 % DEXTROSE IN WATER	nitroglycerin in 5 % dextrose
Proton Pump Inhibitors	
ASPIRIN/OMEPRAZOLE	Yosprala
DEXLANSOPRAZOLE	Dexilant
DEXLANSOPRAZOLE	Kapidex
ESOMEPRAZOLE MAGNESIUM	esomeprazole magnesium
ESOMEPRAZOLE MAGNESIUM	Nexium
ESOMEPRAZOLE MAGNESIUM	Nexium 24HR
ESOMEPRAZOLE MAGNESIUM	Nexium Packet
ESOMEPRAZOLE SODIUM	esomeprazole sodium
ESOMEPRAZOLE SODIUM	Nexium IV
ESOMEPRAZOLE STRONTIUM	esomeprazole strontium
LANSOPRAZOLE	lansoprazole
LANSOPRAZOLE	Prevacid
LANSOPRAZOLE	Prevacid SoluTab
LANSOPRAZOLE	Heartburn Treatment 24 Hour

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Generic Name	Brand Name
LANSOPRAZOLE	FIRST-Lansoprazole
LANSOPRAZOLE	Prevacid 24Hr
LANSOPRAZOLE	Heartburn Relief 24 Hour
LANSOPRAZOLE	Prevacid IV
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	amoxicil-clarithromy-lansopraz
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	Prevpac
LANSOPRAZOLE/NAPROXEN	PREVACID NapraPAC
NAPROXEN/ESOMEPRAZOLE MAGNESIUM	Vimovo
OMEPRAZOLE	omeprazole
OMEPRAZOLE	Prilosec
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
OMEPRAZOLE	FIRST-Omeprazole
OMEPRAZOLE MAGNESIUM	omeprazole magnesium
OMEPRAZOLE MAGNESIUM	Acid Reducer (omeprazole)
OMEPRAZOLE MAGNESIUM	Prilosec OTC
OMEPRAZOLE MAGNESIUM	Prilosec
OMEPRAZOLE/CLARITHROMYCIN/AMOXICILLIN TRIHYDRATE	Omeclamox-Pak
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid OTC
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid
OMEPRAZOLE/SODIUM BICARBONATE	omeprazole-sodium bicarbonate
OMEPRAZOLE/SODIUM BICARBONATE	OmePPI
PANTOPRAZOLE SODIUM	pantoprazole
PANTOPRAZOLE SODIUM	Protonix
RABEPRAZOLE SODIUM	Aciphex
RABEPRAZOLE SODIUM	AcipHex Sprinkle
RABEPRAZOLE SODIUM	rabeprazole
Short-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists	
gonadorelin acetate	Lutrepulse
histrelin acetate	Supprelin
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
nafarelin acetate	Synarel
Statins	
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	amlodipine-atorvastatin
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	Caduet
ASPIRIN (CALCIUM CARB & MAGNESIUM BUFFERS)/PRAVASTAT	PRAVIGARD PAC
ATORVASTATIN CALCIUM	atorvastatin
ATORVASTATIN CALCIUM	Lipitor
CERIVASTATIN SODIUM	Baycol
EZETIMIBE/ATORVASTATIN CALCIUM	Liptruzet
EZETIMIBE/SIMVASTATIN	ezetimibe-simvastatin

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
EZETIMIBE/SIMVASTATIN	Vytorin 10-80
EZETIMIBE/SIMVASTATIN	Vytorin 10-10
EZETIMIBE/SIMVASTATIN	Vytorin 10-20
EZETIMIBE/SIMVASTATIN	Vytorin 10-40
FLUVASTATIN SODIUM	Lescol
FLUVASTATIN SODIUM	Lescol XL
FLUVASTATIN SODIUM	fluvastatin
LOVASTATIN	Mevacor
LOVASTATIN	lovastatin
LOVASTATIN	Altoprev
LOVASTATIN	Altocor
NIACIN/LOVASTATIN	Advicor
NIACIN/SIMVASTATIN	Simcor
PITAVASTATIN CALCIUM	Livalo
PRAVASTATIN SODIUM	pravastatin
PRAVASTATIN SODIUM	Pravachol
ROSUVASTATIN CALCIUM	Crestor
ROSUVASTATIN CALCIUM	rosuvastatin
SIMVASTATIN	simvastatin
SIMVASTATIN	Zocor
SIMVASTATIN	FloLipid
SITAGLIPTIN PHOSPHATE/SIMVASTATIN	Juvisync
Thiazide Diuretics	
ALISKIREN HEMIFUMARATE/AMLODIPINE/HYDROCHLOROTHIAZIDE	Amturnide
ALISKIREN HEMIFUMARATE/HYDROCHLOROTHIAZIDE	Tekturna HCT
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	amiloride-hydrochlorothiazide
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	Moduretic
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	amlodipine-valsartan-hcthiazid
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	Exforge HCT
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	Lotensin HCT
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	benazepril-hydrochlorothiazide
BENDROFLUMETHIAZIDE	Naturetin
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	candesartan-hydrochlorothiazid
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	Atacand HCT
CAPTOPRIL/HYDROCHLOROTHIAZIDE	captopril-hydrochlorothiazide
CAPTOPRIL/HYDROCHLOROTHIAZIDE	Capozide

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
CHLOROTHIAZIDE	chlorothiazide
CHLOROTHIAZIDE	Diuril
CHLOROTHIAZIDE SODIUM	chlorothiazide sodium
CHLOROTHIAZIDE SODIUM	Diuril IV
CHLORTHALIDONE	chlorthalidone
CHLORTHALIDONE	Thalitone
CHLORTHALIDONE	Hygroton
CLONIDINE HCL/CHLORTHALIDONE	Clorpres
CLONIDINE HCL/CHLORTHALIDONE	clonidine-chlorthalidone
CLONIDINE HCL/CHLORTHALIDONE	Combipres-1
CLONIDINE HCL/CHLORTHALIDONE	Combipres-2
DESERPIDINE/METHYLCLOTHIAZIDE	Enduronyl Forte
DESERPIDINE/METHYLCLOTHIAZIDE	Enduronyl
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	enalapril-hydrochlorothiazide
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	Vaseretic
EPROSARTAN MESYLATE/HYDROCHLOROTHIAZIDE	Teveten HCT
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	fosinopril-hydrochlorothiazide
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	Monopril HCT
GUANETHIDINE SULFATE/HYDROCHLOROTHIAZIDE	Esimil
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	hydralazine-hydrochlorothiazid
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Hydra-Zide
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Apresazide
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	hydralazine-reserpin-hcthiazid
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Cam-Ap-Es
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Ser-A-Gen
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Tri-Hydroserpine
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Uni-Serp
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Serpazide
HYDROCHLOROTHIAZIDE	hydrochlorothiazide
HYDROCHLOROTHIAZIDE	Oretic
HYDROCHLOROTHIAZIDE	HydroDiuril
HYDROCHLOROTHIAZIDE	Microzide
HYDROCHLOROTHIAZIDE	Carozide
HYDROCHLOROTHIAZIDE	Aquazide-H
HYDROCHLOROTHIAZIDE	Esidrix
HYDROFLUMETHIAZIDE	Diucardin
HYDROFLUMETHIAZIDE	Saluron
INDAPAMIDE	indapamide
INDAPAMIDE	Lozol
IRBESARTAN/HYDROCHLOROTHIAZIDE	irbesartan-hydrochlorothiazide
IRBESARTAN/HYDROCHLOROTHIAZIDE	Avalide

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
LISINAPRIL/HYDROCHLOROTHIAZIDE	lisinopril-hydrochlorothiazide
LISINAPRIL/HYDROCHLOROTHIAZIDE	Zestoretic
LISINAPRIL/HYDROCHLOROTHIAZIDE	Prinzide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	losartan-hydrochlorothiazide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	Hyzaar
METHYLCLOTHIAZIDE	methyclothiazide
METHYLCLOTHIAZIDE	Enduron
METHYLCLOTHIAZIDE	Aquatensen
METHYLDOPA/CHLOROTHIAZIDE	Aldoclor
METHYLDOPA/HYDROCHLOROTHIAZIDE	methyldopa-hydrochlorothiazide
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-25
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-15
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D30
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D50
METOLAZONE	metolazone
METOLAZONE	Zaroxolyn
METOLAZONE	Mykrox
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	Uniretic
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	moexipril-hydrochlorothiazide
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	olmesartan-amlodipin-hcthiazid
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	Tribenzor
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	olmesartan-hydrochlorothiazide
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	Benicar HCT
POLYTHIAZIDE	Renese
PRAZOSIN HCL/POLYTHIAZIDE	Minizide
PRAZOSIN HCL/POLYTHIAZIDE	Minizide 2
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	quinapril-hydrochlorothiazide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Accuretic
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Quinaretic
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rondameth
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rauzide
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	bendroflumethiazide-rauwolfia

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Flumezide
RESERPINE/HYDROCHLOROTHIAZIDE	reserpine-hydrochlorothiazide
RESERPINE/HYDROCHLOROTHIAZIDE	Hydro-Reserp
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin-Demi
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin
RESERPINE/METHYCLOTHIAZIDE	Diutensen-R
RESERPINE/POLYTHIAZIDE	Renese-R
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	spironolacton-hydrochlorothiaz
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	Aldactazide
TELMISARTAN/HYDROCHLOROTHIAZIDE	Micardis HCT
TELMISARTAN/HYDROCHLOROTHIAZIDE	telmisartan-hydrochlorothiazid
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	triamterene-hydrochlorothiazid
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Dyazide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide-25mg
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide
TRICHLORMETHIAZIDE	trichlormethiazide
TRICHLORMETHIAZIDE	Aquazide
TRICHLORMETHIAZIDE	Naqua
VALSARTAN/HYDROCHLOROTHIAZIDE	valsartan-hydrochlorothiazide
VALSARTAN/HYDROCHLOROTHIAZIDE	Diovan HCT
Long-Acting Goserelin	
goserelin acetate	Zoladex
Long-Acting Histrelin	
histrelin acetate	Supprelin LA
histrelin acetate	Vantas
Long-Acting Leuprolide Acetate (Excluding Lupron Depot-PED)	
leuprolide acetate	Eligard
leuprolide acetate	Eligard (3 month)
leuprolide acetate	Eligard (4 month)
leuprolide acetate	Eligard (6 month)
leuprolide acetate	Lupron Depot
leuprolide acetate	Lupron Depot (3 month)
leuprolide acetate	Lupron Depot (4 month)
leuprolide acetate	Lupron Depot (6 Month)
leuprolide acetate/lidocaine HCl	Viadur
leuprolide acetate/norethindrone acetate	Lupaneta Pack (1 month)
leuprolide acetate/norethindrone acetate	Lupaneta Pack (3 month)
Long-Acting Triptorelin	
triptorelin pamoate	Trelstar
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar LA

Appendix J. List of Generic and Brand Names of Medical Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
triptorelin pamoate	Triptodur
Short-Acting Gonadorelin	
gonadorelin acetate	Lutrepulse
Short-Acting Histrelin	
histrelin acetate	Supprelin
Short-Acting Leuprolide Acetate	
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
Short-Acting Nafarelin	
nafarelin acetate	Synarel

Appendix K. Specifications Defining Parameters for this Request

This request executed the Cohort Identification and Descriptive Analysis (CIDA) and Multiple Factor Matching tools, version 7.0.2, with custom programming to investigate whether children exposed to Lupron are at higher risk for fractures compared to children who are not exposed to Lupron.

Query Period: January 1, 2000 - latest available data

Coverage Requirement: Medical and Drug

Enrollment Requirement: 183 days

Enrollment Gap: 45 Days

Sex: Varies by comparison

Age Groups: 0-2, 3-4, 5-6, 7-8, 9-10 years

Freeze Data: Yes

Race Output: Yes

	Comparison 1		Comparison 2		Comparison 3	
Sex	Female	Female	Male	Male	Female	Female
Drug/Exposure	Lupron Depot PED	Well child visit	Lupron Depot PED	Well child visit	Lupron Depot PED	1st CPP diagnosis in SDD + 117 days
Care Setting	Any	Any	Any	Any	Any	Any
Incident with Respect to:	Lupron Depot PED		Lupron Depot PED		Lupron Depot PED	CPP
Incidence Criteria Care Setting	Any		Any		Any	Any
Washout (Days)	183	0	183	0	183	183 days before 1st CPP diagnosis in SDD
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT)	10,000	10,000	10,000	10,000	10,000	10,000
Episode Length (Days)						
Sensitivity Analysis Only	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists
Episode Truncation for Exposure	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*), CPP diagnosis	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*), CPP diagnosis	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)
Pre-Existing Conditions						
Condition	CPP	CPP	CPP	CPP	CPP	
Care Setting	Any	Any	Any	Any	Any	
Include or Exclude	Include	Exclude	Include	Exclude	Include	
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 1		Comparison 2		Comparison 3	
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition		Lupron Depot PED		Lupron Depot PED		Lupron Depot PED
Care Setting		Any		Any		Any
Include or Exclude		Exclude		Exclude		Exclude
Lookback Period (Days)		All available history		All available history		All available history
Event/Outcome	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma
Washout (Days)	0	0	0	0	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any	Any	Any	Any	Any
Blackout Period (Days)	0	0	0	0	0	0

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 1		Comparison 2		Comparison 3	
Matching						
Matching Variables	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month
Matching Ratio	1:10	1:10	1:10	1:10	1:10	1:10
Matching Caliper Settings	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional
Effect Estimation	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return
Kaplan Meier Plot	Yes	Yes	Yes	Yes	Yes	Yes
Kaplan Meier Plot Age Groups (Years)	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 4		Comparison 5		Comparison 6	
Sex	Male	Male	Female	Female	Male	Male
Drug/Exposure	Lupron Depot PED	1st CPP diagnosis in SDD + 73 days	Lupron Depot PED	Well child visit	Lupron Depot PED	Well child visit
Care Setting	Any	Any	Any	Any	Any	Any
Incident with Respect to Incidence Criteria Care Setting	Lupron Depot PED Any	CPP Any	Lupron Depot PED Any		Lupron Depot PED Any	
Washout (Days)	183	183 days before 1st CPP diagnosis in SDD	183	0	183	0
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT) Episode Length (Days) Sensitivity Analysis Only	10,000 Non-leuprolide acetate long-acting GnRH agonists	10,000 All long-acting GnRH agonists	10,000 Non-leuprolide acetate long-acting GnRH agonists	10,000 All long-acting GnRH agonists	10,000 Non-leuprolide acetate long-acting GnRH agonists	10,000 All long-acting GnRH agonists
Episode Truncation for Exposure	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis
Pre-Existing Conditions						
Condition	CPP		CPP	CPP	CPP	CPP
Care Setting	Any		Any	Any	Any	Any
Include or Exclude	Include		Include	Exclude	Include	Exclude
Lookback Period (Days)	-183, 0		-183, 0	-183, 0	-183, 0	-183, 0
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 4		Comparison 5		Comparison 6	
Condition	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition		Lupron Depot PED		Lupron Depot PED		Lupron Depot PED
Care Setting		Any		Any		Any
Include or Exclude		Exclude		Exclude		Exclude
Lookback Period (Days)		All available history		All available history		All available history
Event/Outcome						
Event/Outcome	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Any fracture	Any fracture	Any fracture	Any fracture
Washout (Days)	0	0	0	0	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any	Any	Any	Any	Any
Blackout Period (Days)	0	0	0	0	0	0

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 4		Comparison 5		Comparison 6	
Matching						
Matching Variables	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month
Matching Ratio	1:10	1:10	1:10	1:10	1:10	1:10
Matching Caliper Settings	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional
Effect Estimation	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return
Kaplan Meier Plot	Yes	Yes	No	No	No	No
Kaplan Meier Plot Age Groups (Years)	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10				

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 7		Comparison 8		Comparison 9	
Sex	Female	Female	Male	Male	Female	Female
Drug/Exposure	Lupron Depot PED	Well child visit	Lupron Depot PED	Well child visit	Lupron Depot PED	Well child visit
Care Setting	Any	Any	Any	Any	Any	Any
Incident with Respect to: Incidence Criteria Care Setting	Lupron Depot PED Any		Lupron Depot PED Any		Lupron Depot PED Any	
Washout (Days)	183	0	183	0	183	0
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT) Episode Length (Days)	10,000	10,000	10,000	10,000	10,000	10,000
Sensitivity Analysis Only	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists
Episode Truncation for Exposure	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis
Pre-Existing Conditions						
Condition	CPP	CPP	CPP	CPP	CPP	CPP
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Include	Exclude	Include	Exclude	Include	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 7		Comparison 8		Comparison 9	
Condition	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist	Non-Lupron Depot PED long-acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition		Lupron Depot PED		Lupron Depot PED		Lupron Depot PED
Care Setting		Any		Any		Any
Include or Exclude		Exclude		Exclude		Exclude
Lookback Period (Days)		All available history		All available history		All available history
Event/Outcome						
Event/Outcome	Hip replacement	Hip replacement	Hip replacement	Hip replacement	TMJ replacement	TMJ replacement
Washout (Days)	0	0	0	0	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any	Any	Any	Any	Any
Blackout Period (Days)	0	0	0	0	0	0

Appendix K. Specifications Defining Parameters for this Request (Continued)

	Comparison 7		Comparison 8		Comparison 9	
Matching						
Matching Variables	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month
Matching Ratio	1:10	1:10	1:10	1:10	1:10	1:10
Matching Caliper Settings	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional
Effect Estimation	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return
Kaplan Meier Plot	No	No	No	No	No	No
Kaplan Meier Plot Age Groups (Years)						

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix K. Specifications Defining Parameters for this Request (Continued)

Comparison 10		
Sex	Male	Male
Drug/Exposure	Lupron Depot PED	Well child visit
Care Setting	Any	Any
Incident with Respect to:	Lupron Depot PED	
Incidence Criteria Care Setting	Any	
Washout (Days)	183	0
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT)	10,000	10,000
Episode Length (Days)		
Sensitivity Analysis Only	Non-leuprolide acetate long acting GnRH agonists	All long-acting GnRH agonists
Episode Truncation for Exposure	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis
<u>Pre-Existing Conditions</u>		
Condition	CPP	CPP
Care Setting	Any	Any
Include or Exclude	Include	Exclude
Lookback Period (Days)	-183, 0	-183, 0
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any
Include or Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0

Appendix K. Specifications Defining Parameters for this Request (Continued)

Comparison 10		
Condition	Non-Lupron Depot PED long acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any
Include or Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any
Include or Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any
Include or Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0
Condition	Fractures	Fractures
Care Setting	Any	Any
Include or Exclude	Exclude	Exclude
Lookback Period (Days)	-183, 0	-183, 0
Condition		Lupron Depot PED
Care Setting		Any
Include or Exclude		Exclude
Lookback Period (Days)		All available history
Event/Outcome		
Event/Outcome	TMJ replacement	TMJ replacement
Washout (Days)	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any
Blackout Period (Days)	0	0

Appendix K. Specifications Defining Parameters for this Request (Continued)

Comparison 10		
Matching		
Matching Variables	DOB and month	DOB and month
Matching Ratio	1:10	1:10
Matching Caliper Settings	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional
Effect Estimation	Risk set level data return	Risk set level data return
Kaplan Meier Plot	No	No
Kaplan Meier Plot Age Groups (Years)		

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix L. Specifications Defining Parameters for this Request

This request executed the Cohort Identification and Descriptive Analysis (CIDA) and Multiple Factor Matching tools, version 7.0.2, with custom programming to investigate whether children exposed to Lupron are at higher risk for fractures compared to children who are not exposed to Lupron.

<p style="text-align: center;">Query Period: January 1, 2000 - August 31, 2018 Coverage Requirement: Medical and Drug Enrollment Requirement: 183 days Enrollment Gap: 45 days Sex: Varies by scenario Age Groups: 0-2, 3-4, 5-6, 7-8, 9-10 years</p>											
Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
1	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
2	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
3	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
4	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
5	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
6	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
7	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
8	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
9	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
10	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
11	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
12	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
13	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
14	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
15	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
16	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
17	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
18	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
		Summary Statistics	Categories of Follow-up Time (years)	Characteristics	Care Setting	Evaluation Window (days)	Characteristics	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)
19	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
20	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Most Frequent Utilization										Cumulative Duration		Total Number of Exposures	Time Since Discontinuation	Age at Time of Event
	Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)	Evaluation Window 4 (days)	Evaluation Window (days)	Extension (days)	Summary Statistics	Summary Statistics	Summary Statistics	Summary Statistics
	1	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes
	20	RX	9-Digit NDC												
2	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					Yes	Yes
	20	RX	9-Digit NDC												
3	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes
	20	RX	9-Digit NDC												
4	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					Yes	Yes
	20	RX	9-Digit NDC												
5	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes
	20	RX	9-Digit NDC												

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Most Frequent Utilization										Cumulative Duration			Total Number of Exposures	Time Since Discontinuation	Age at Time of Event
	Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)	Evaluation Window 4 (days)	Evaluation Window (days)	Extension (days)	Summary Statistics	Summary Statistics	Summary Statistics	Summary Statistics	
6	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730						Yes	Yes
	20	RX	9-Digit NDC													
7	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes	Yes
	20	RX	9-Digit NDC													
8	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730						Yes	Yes
	20	RX	9-Digit NDC													
9	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes			
	20	RX	9-Digit NDC													
10	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730							
	20	RX	9-Digit NDC													

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Most Frequent Utilization										Cumulative Duration		Total Number of Exposures	Time Since Discontinuation	Age at Time of Event
	Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)	Evaluation Window 4 (days)	Evaluation Window (days)	Extension (days)	Summary Statistics	Summary Statistics	Summary Statistics	Summary Statistics
	11	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	
	20	RX	9-Digit NDC												
12	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730						
	20	RX	9-Digit NDC												
13	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes		
	20	RX	9-Digit NDC												
14	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730						
	20	RX	9-Digit NDC												
15	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes		
	20	RX	9-Digit NDC												

Appendix L. Specifications Defining Parameters for this Request (Continued)

Scenario	Most Frequent Utilization										Cumulative Duration			Total Number of Exposures	Time Since Discontinuation	Age at Time of Event
	Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1 (days)	Evaluation Window 2 (days)	Evaluation Window 3 (days)	Evaluation Window 4 (days)	Evaluation Window (days)	Extension (days)	Summary Statistics	Summary Statistics	Summary Statistics	Summary Statistics	
	16	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730						
	20	RX	9-Digit NDC													
17	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes			
	20	RX	9-Digit NDC													
18	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730							
	20	RX	9-Digit NDC													
19	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes			
	20	RX	9-Digit NDC													
20	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730							
	20	RX	9-Digit NDC													

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